

Protection-free Strategy for the Synthesis of Boro-depsipeptides in Aqueous Media under Microwave-assisted Conditions

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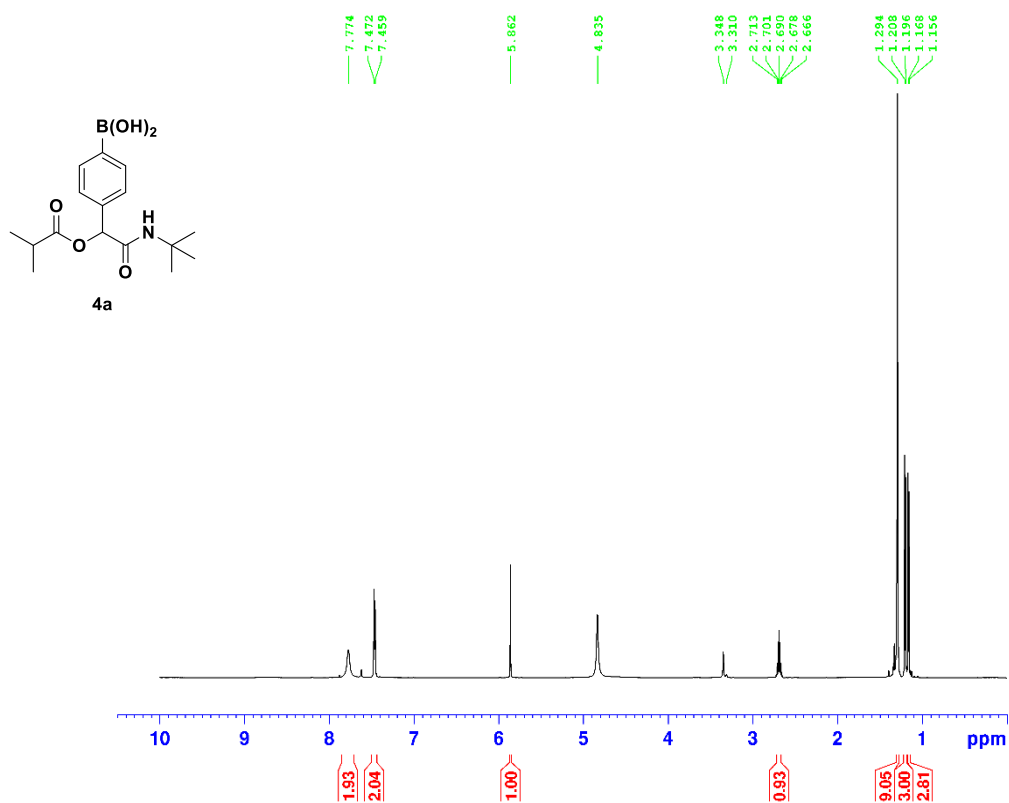


Figure S1. The ^1H NMR spectrum of **4a** in CD_3OD

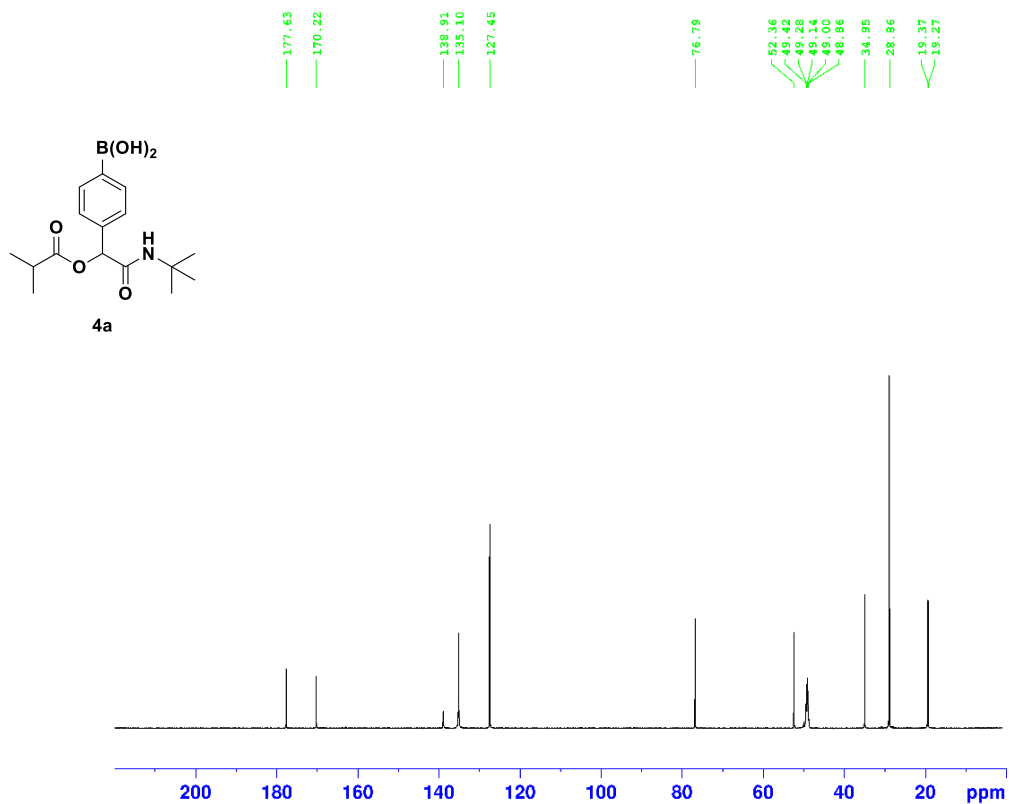


Figure S2. The ^{13}C NMR spectrum of **4a** in CD_3OD

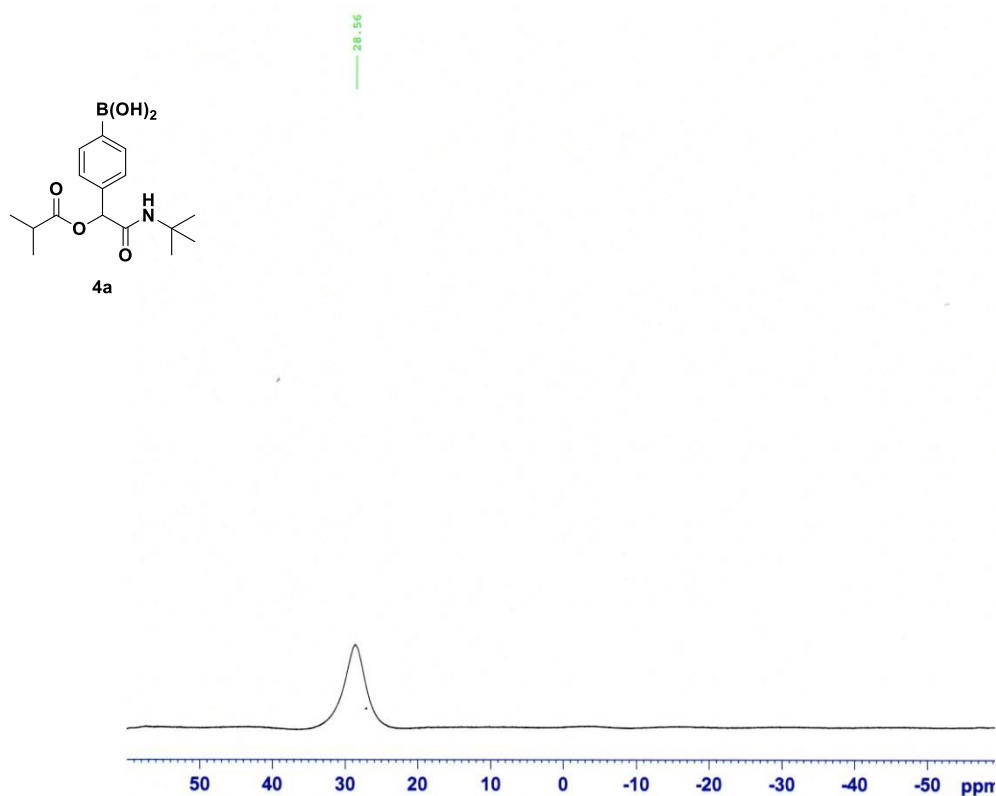


Figure S3. The ¹¹B NMR spectrum of **4a** in CD₃OD

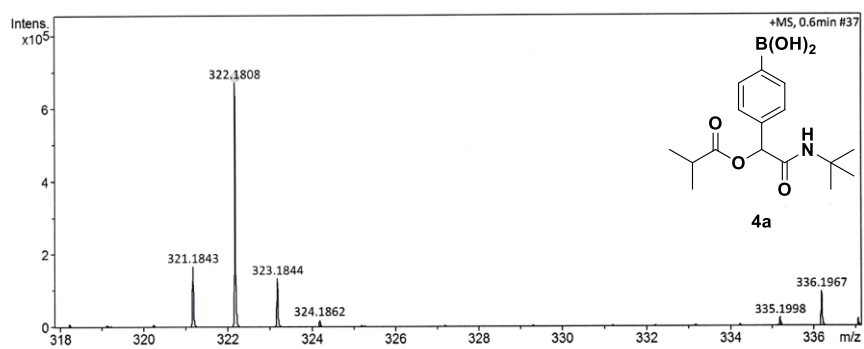


Figure S4. The HRMS (ESI⁺) of spectrum of **4a**

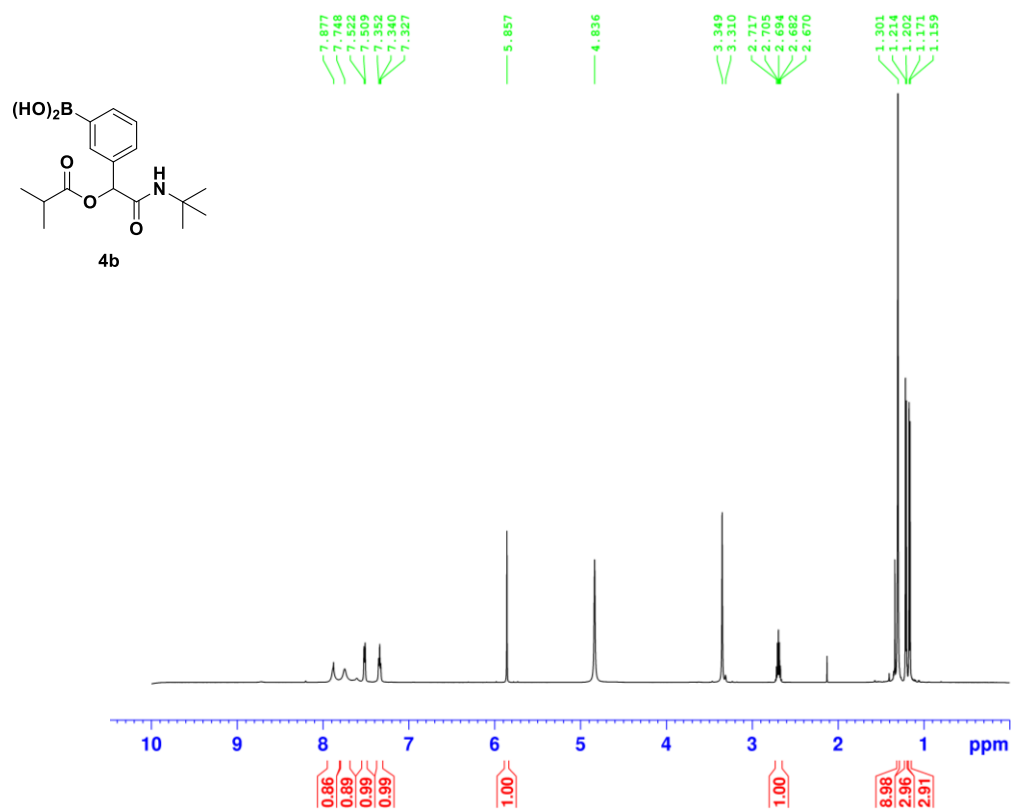


Figure S5. The ^1H NMR spectrum of **4b** in CD_3OD

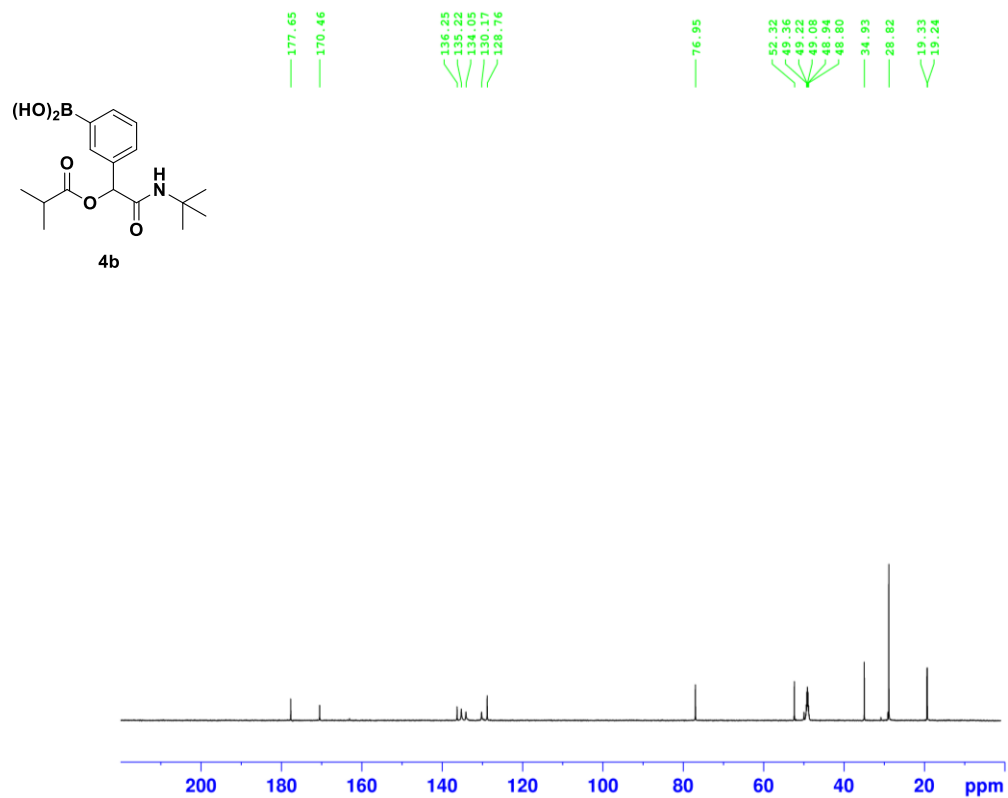


Figure S6. The ^{13}C NMR spectrum of **4b** in CD_3OD

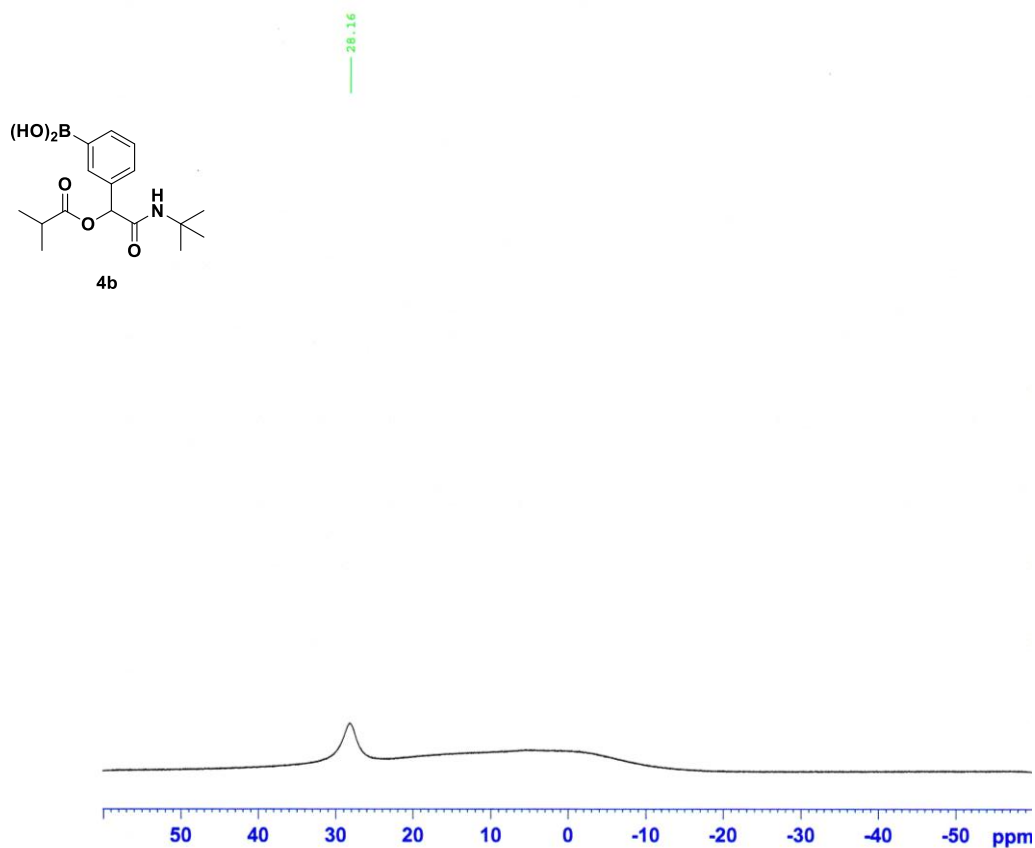


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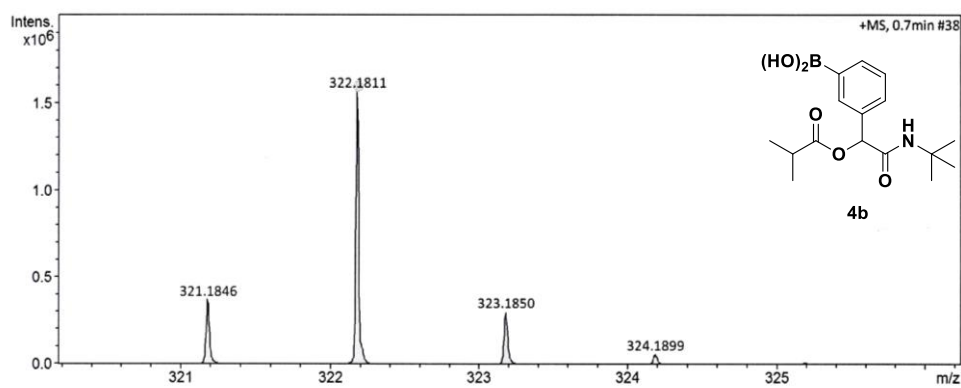


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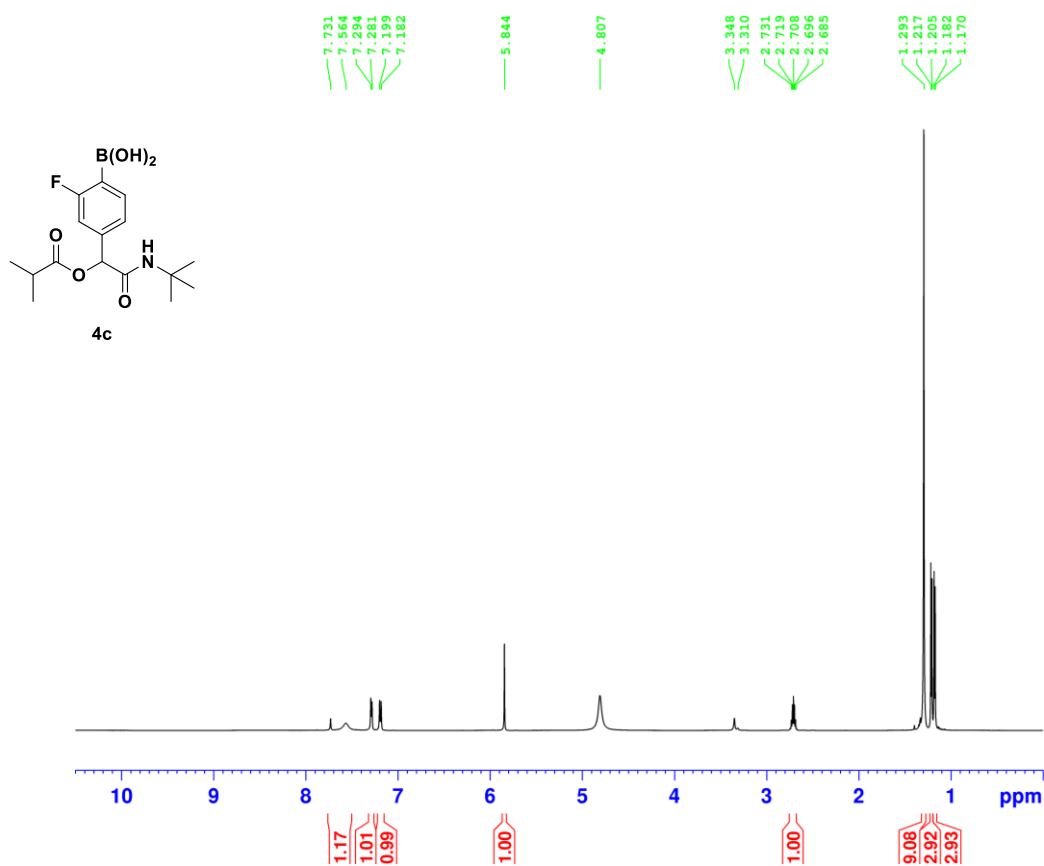


Figure S9. The ^1H NMR spectrum of **4c** in CD_3OD

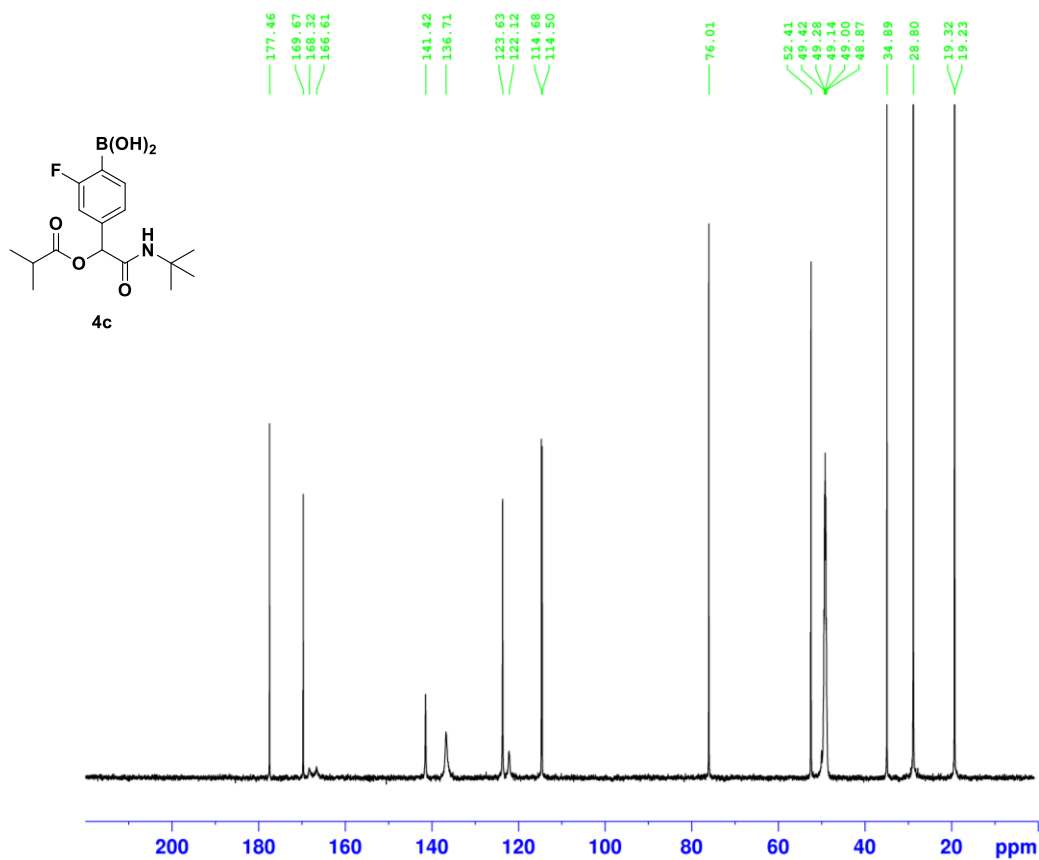


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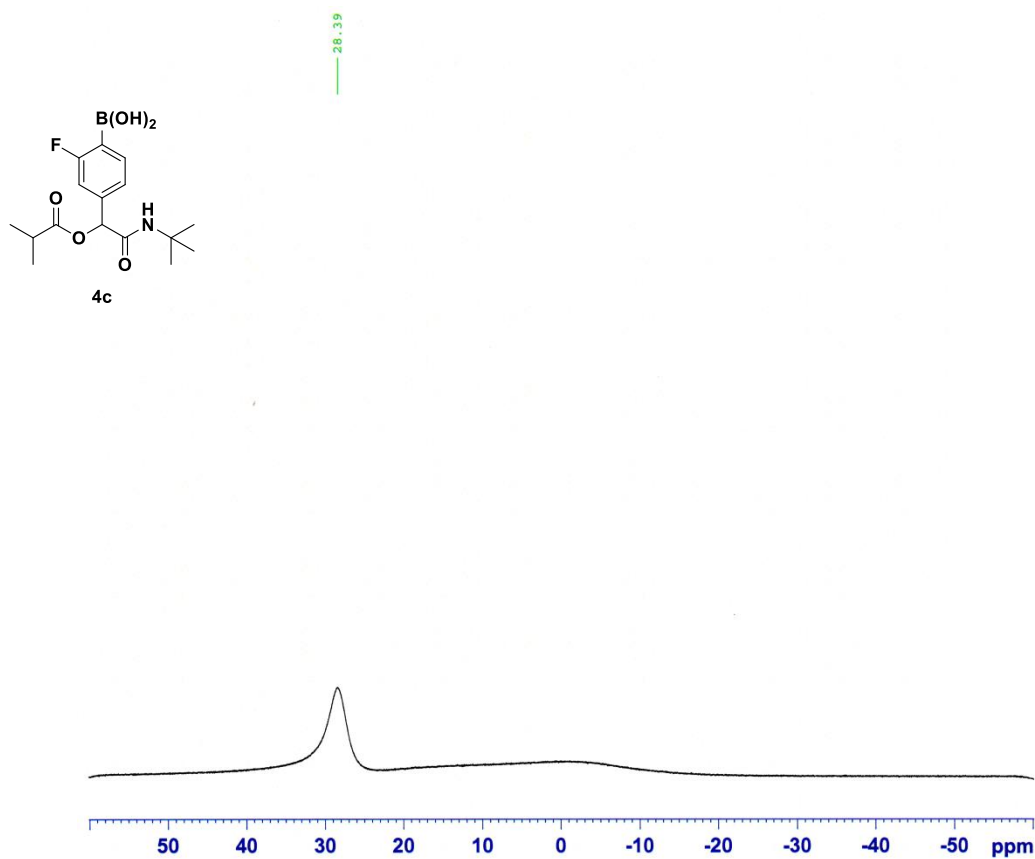


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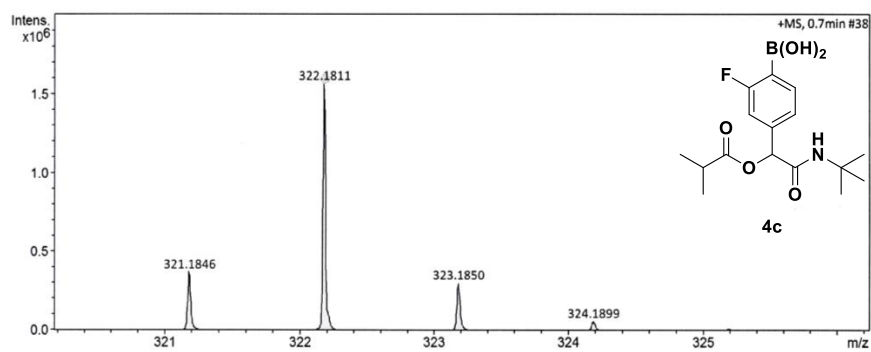


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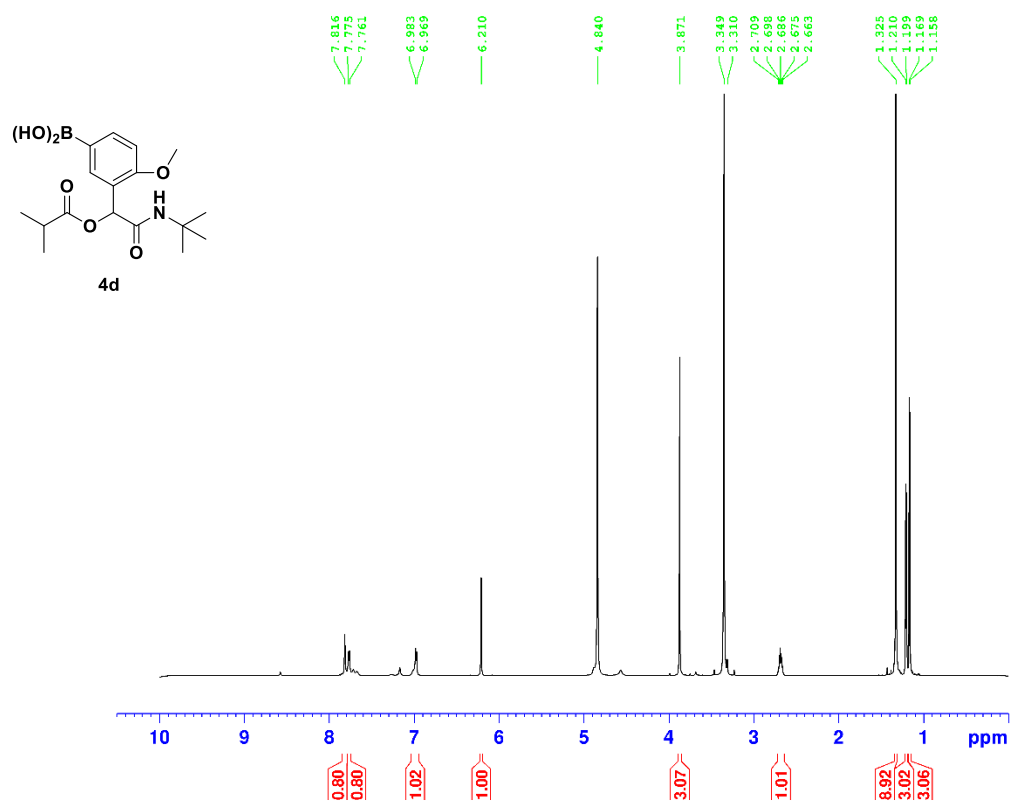


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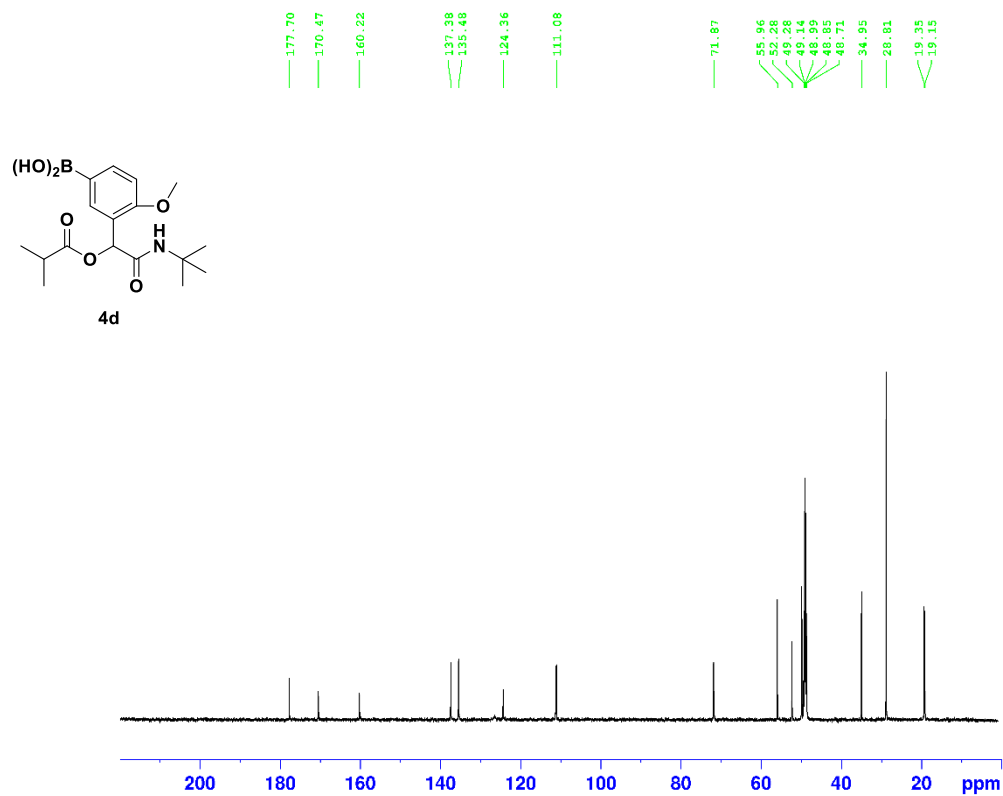


Figure S14. The ^{13}C NMR spectrum of **4d** in CD_3OD

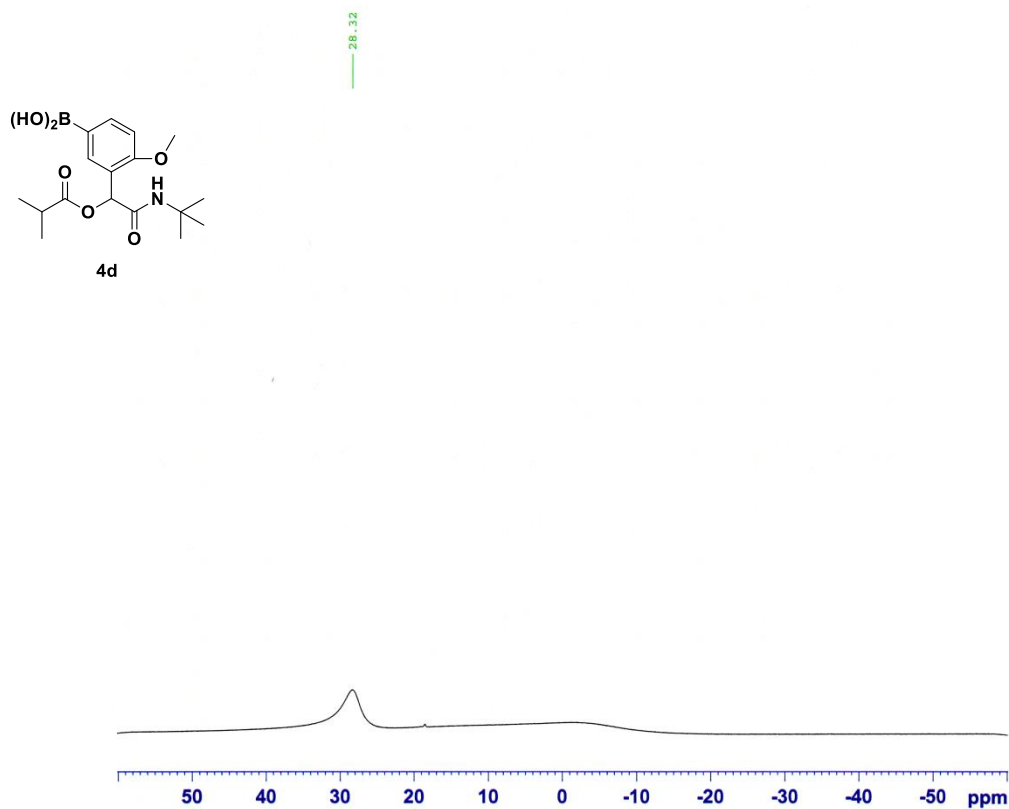


Figure S15. The ^{11}B NMR spectrum of **4d** in CD_3OD

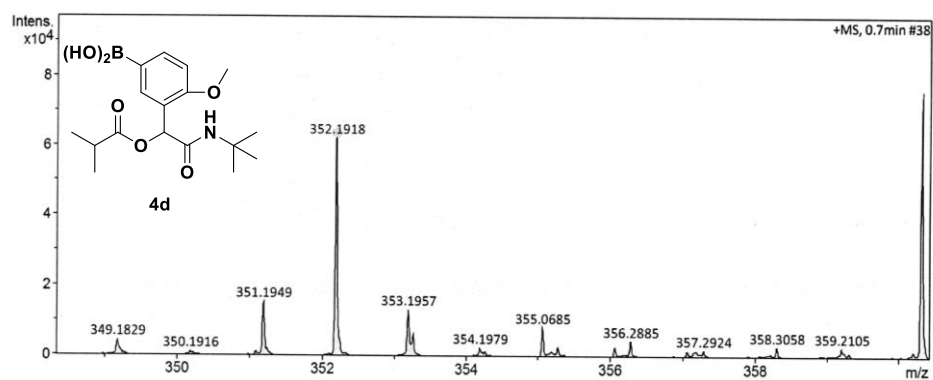


Figure S16. The HRMS (ESI $^+$) of spectrum of **4d**

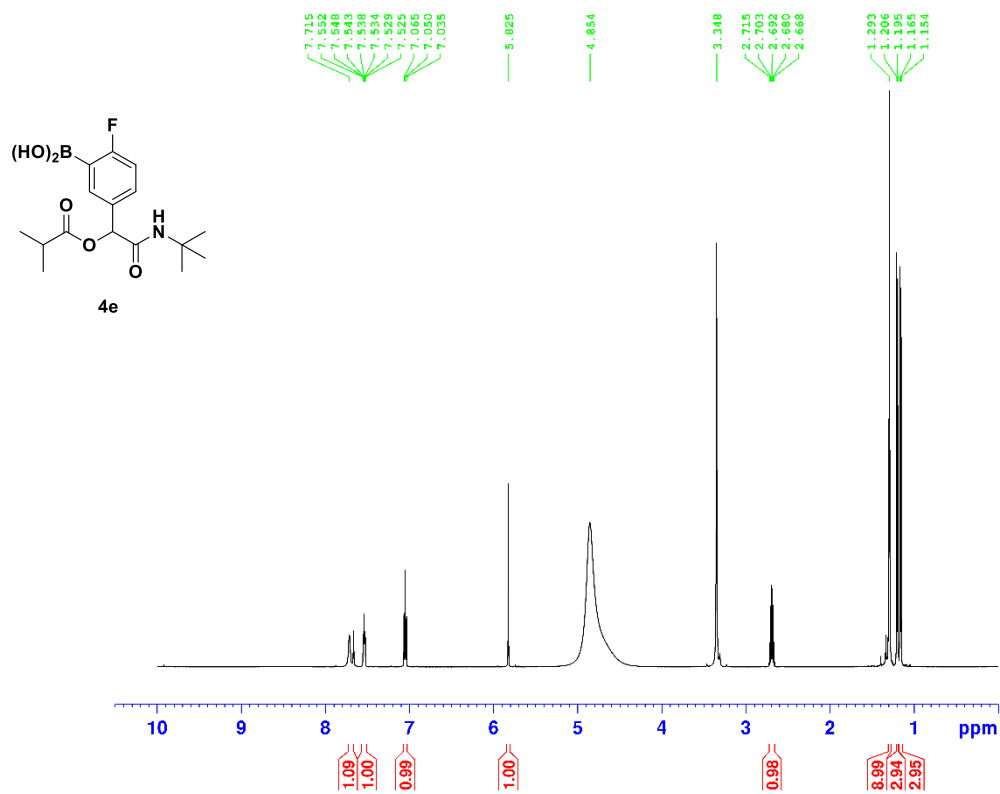


Figure S17. The ^1H NMR spectrum of **4e** in CD_3OD

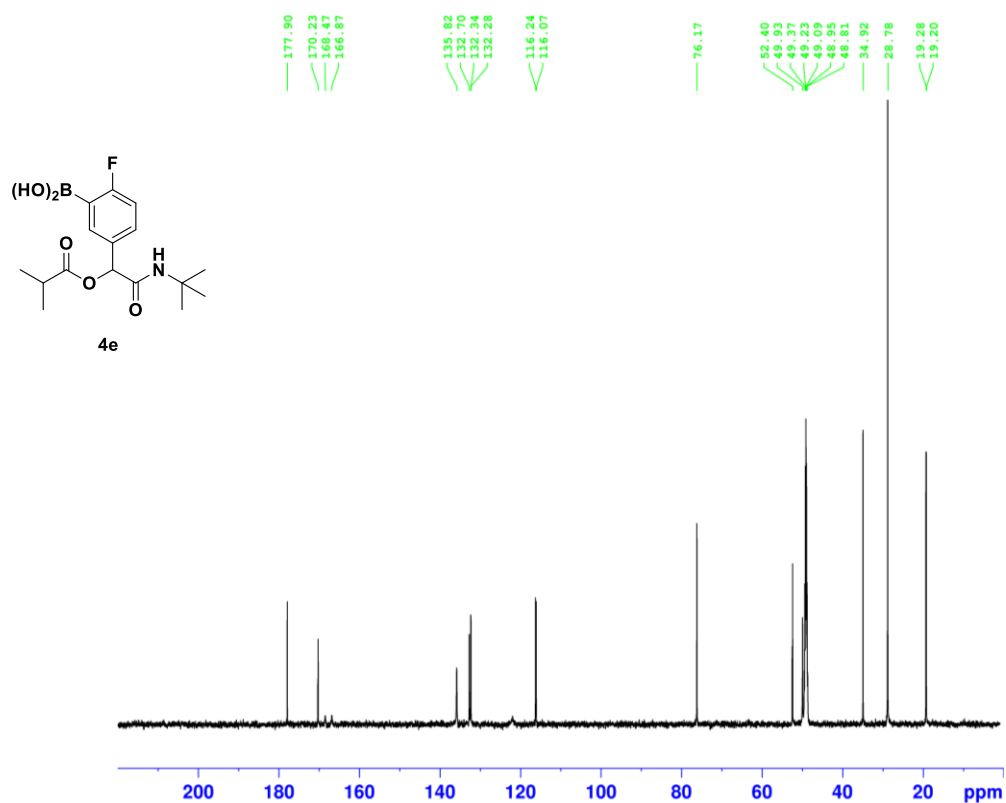


Figure S18. The ^{13}C NMR spectrum of **4e** in CD_3OD

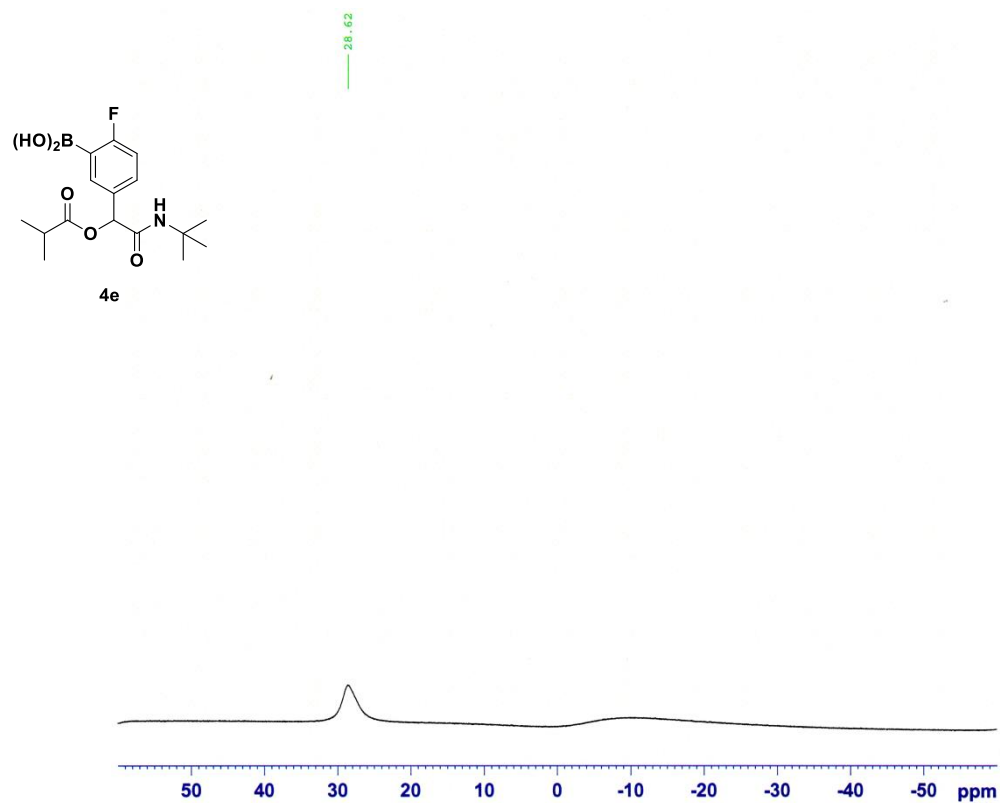


Figure S19. The ^{11}B NMR spectrum of **4e** in CD_3OD

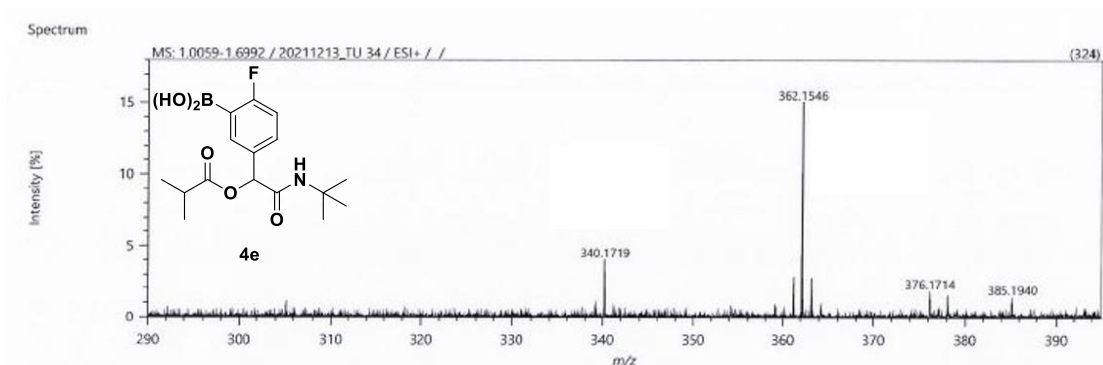


Figure S20. The HRMS (ESI $^+$) of spectrum of **4e**

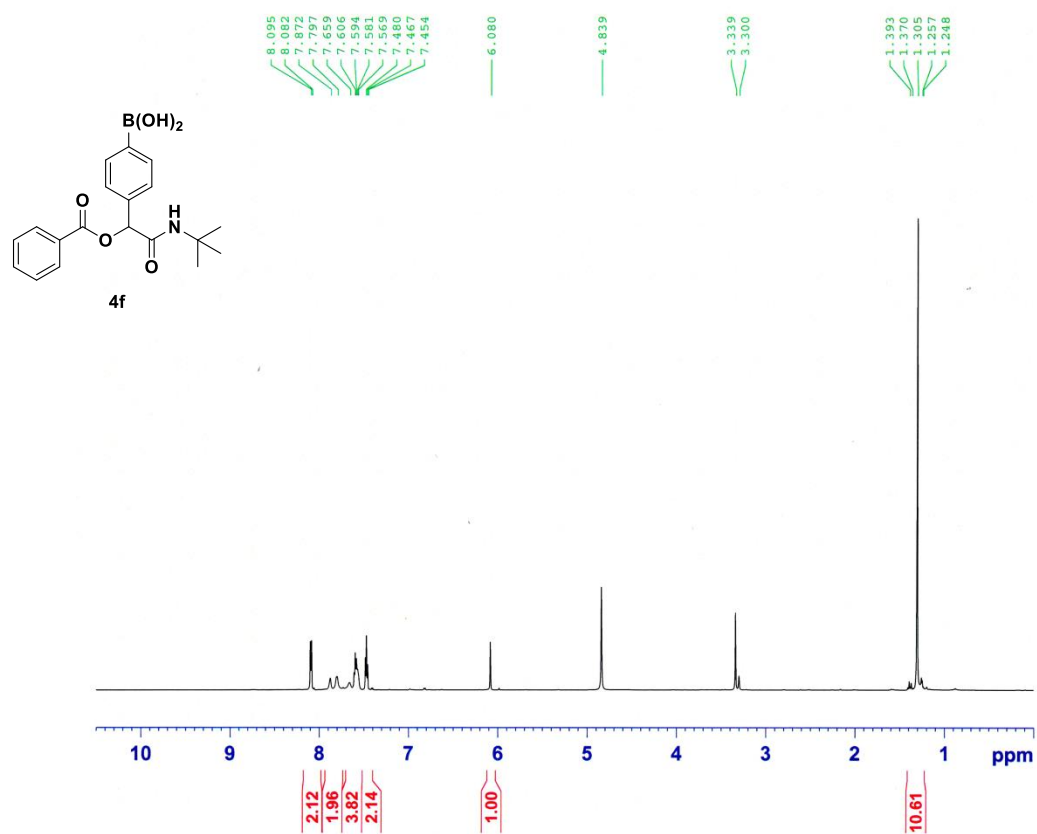


Figure S21. The ^1H NMR spectrum of **4f** in CD_3OD

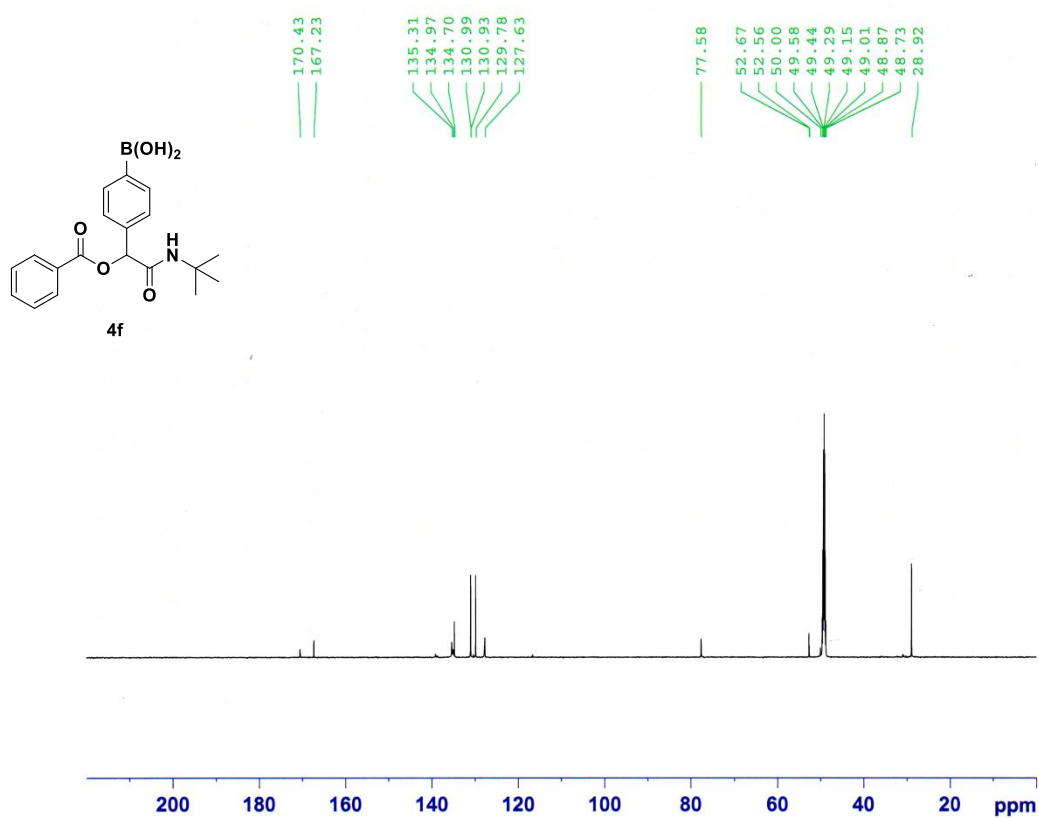


Figure S22. The ^{13}C NMR spectrum of **4f** in CD_3OD

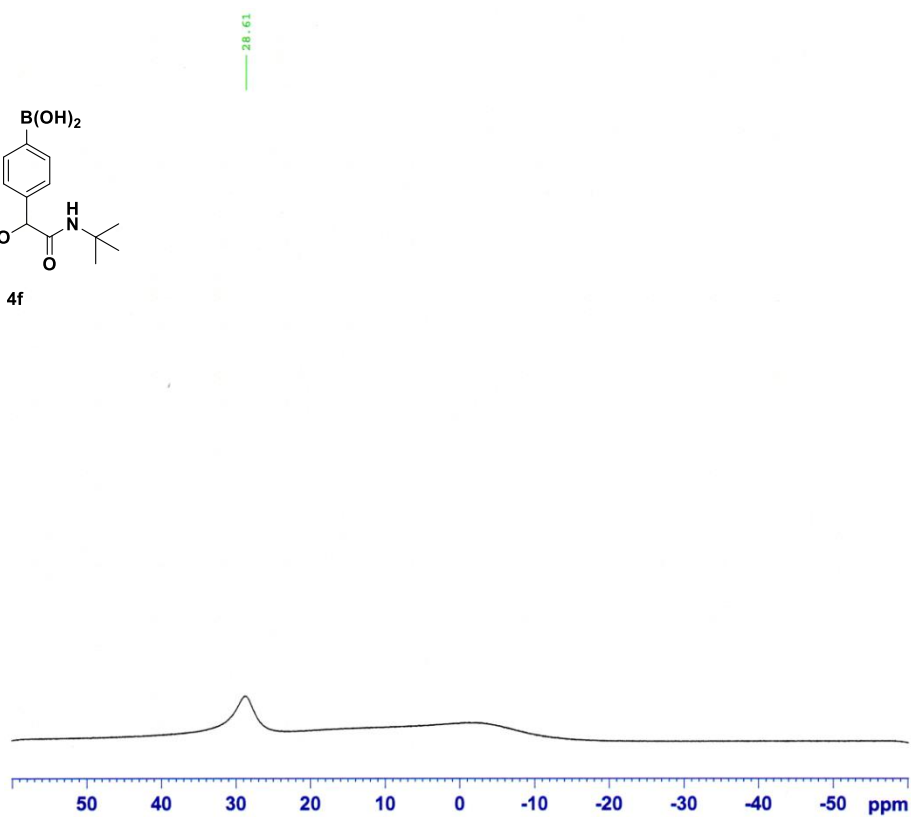
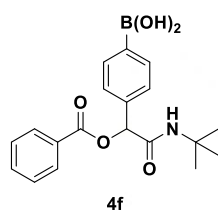


Figure S23. The ^{11}B NMR spectrum of **4f** in CD_3OD

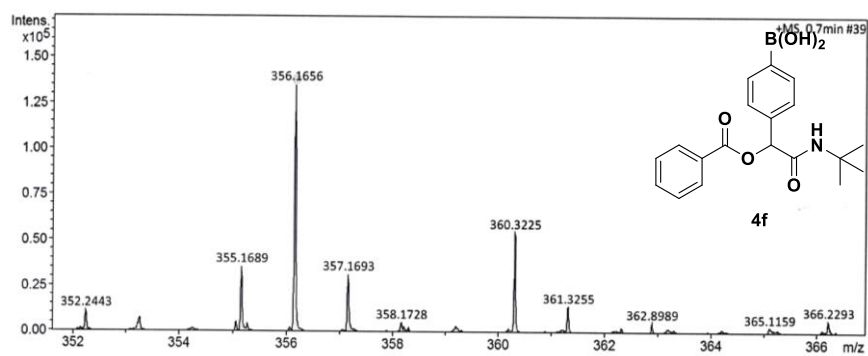


Figure S24. The HRMS (ESI $^+$) of spectrum of **4f**

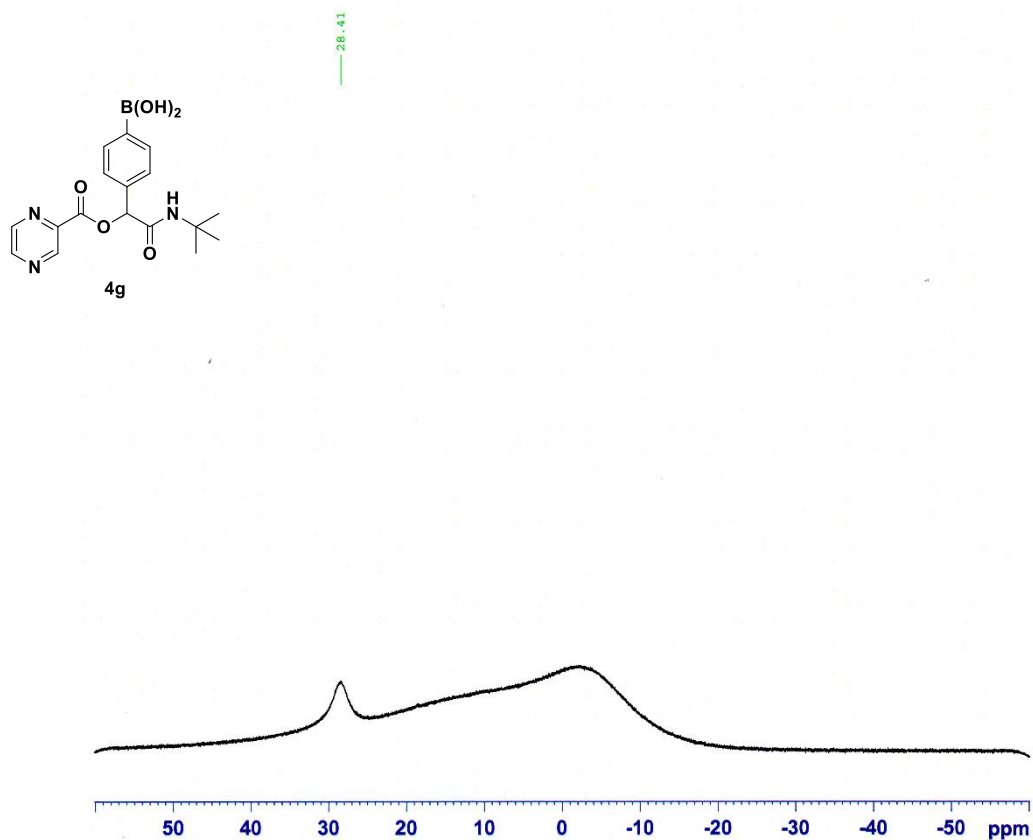


Figure S27. The ¹¹B NMR spectrum of **4g** in CD₃OD

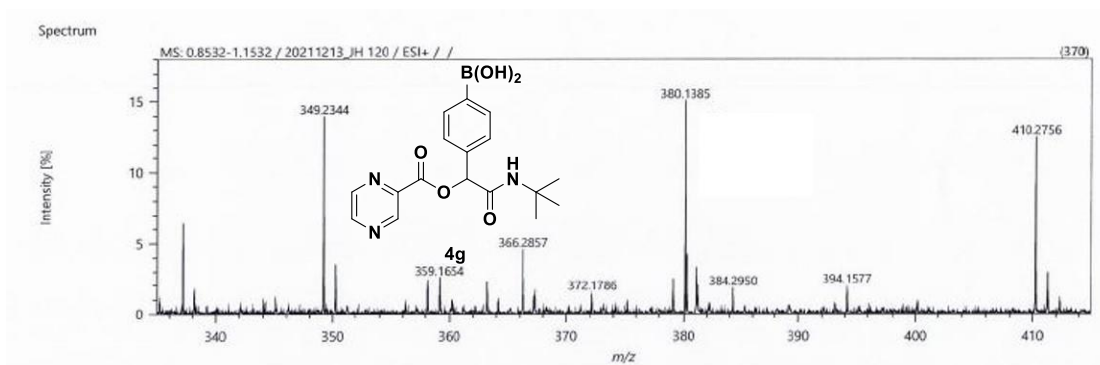


Figure S28. The HRMS (ESI⁺) of spectrum of **4g**

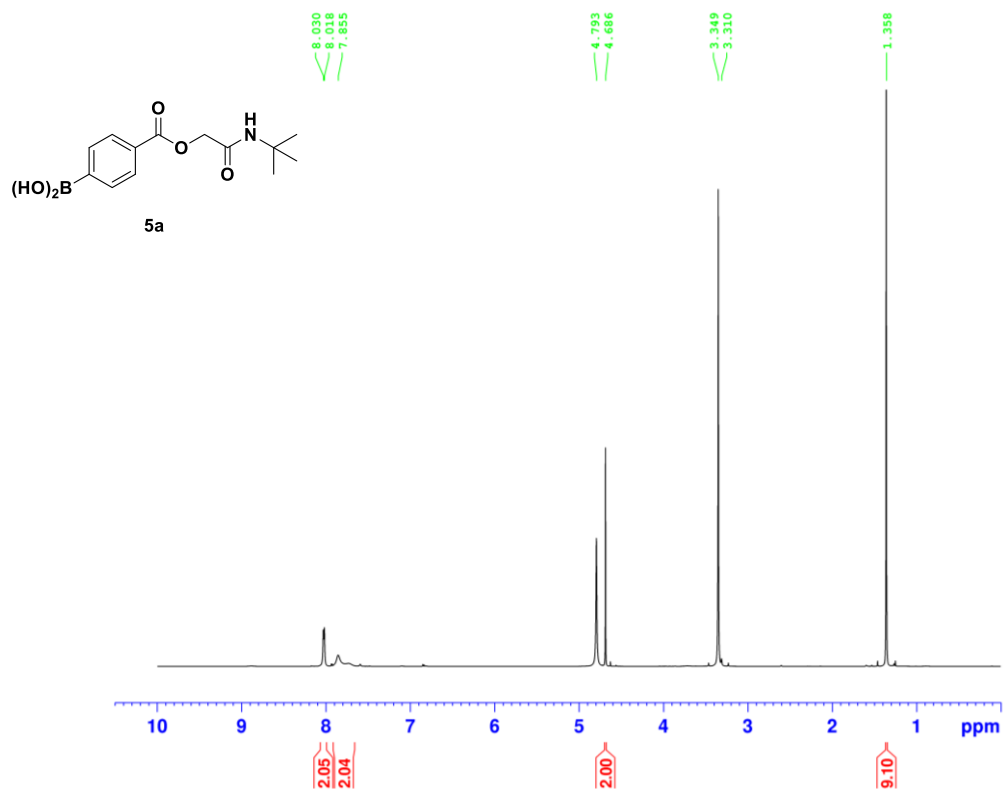


Figure S29. The ^1H NMR spectrum of **5a** in CD_3OD

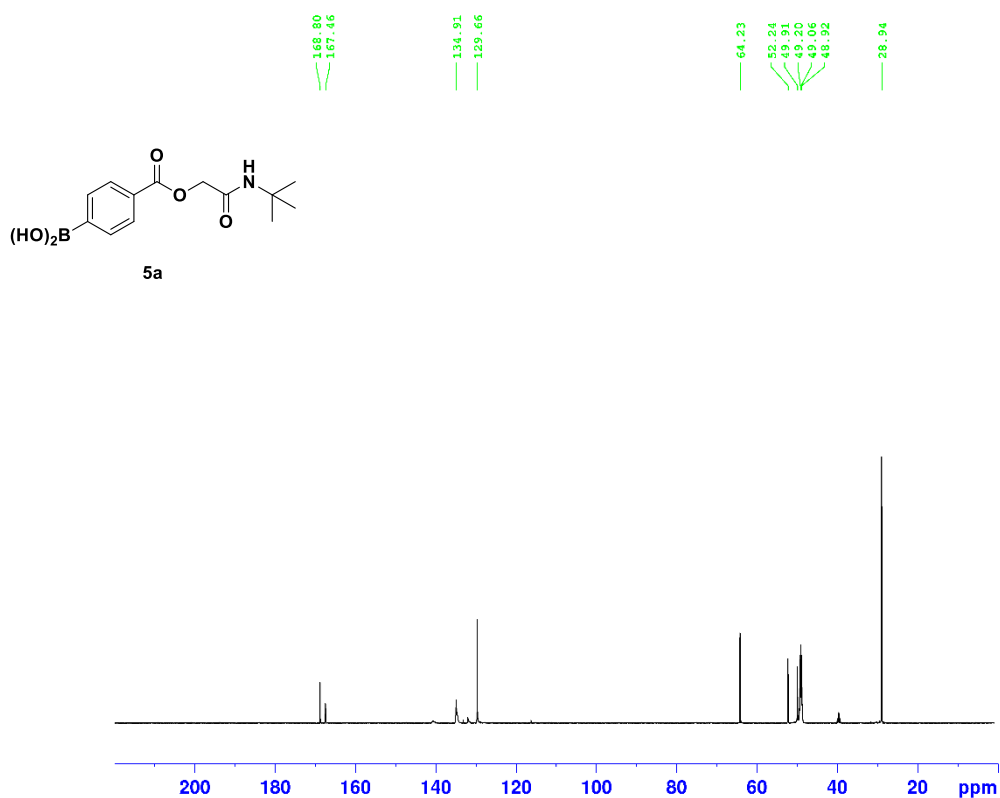


Figure S30. The ^{13}C NMR spectrum of **5a** in CD_3OD

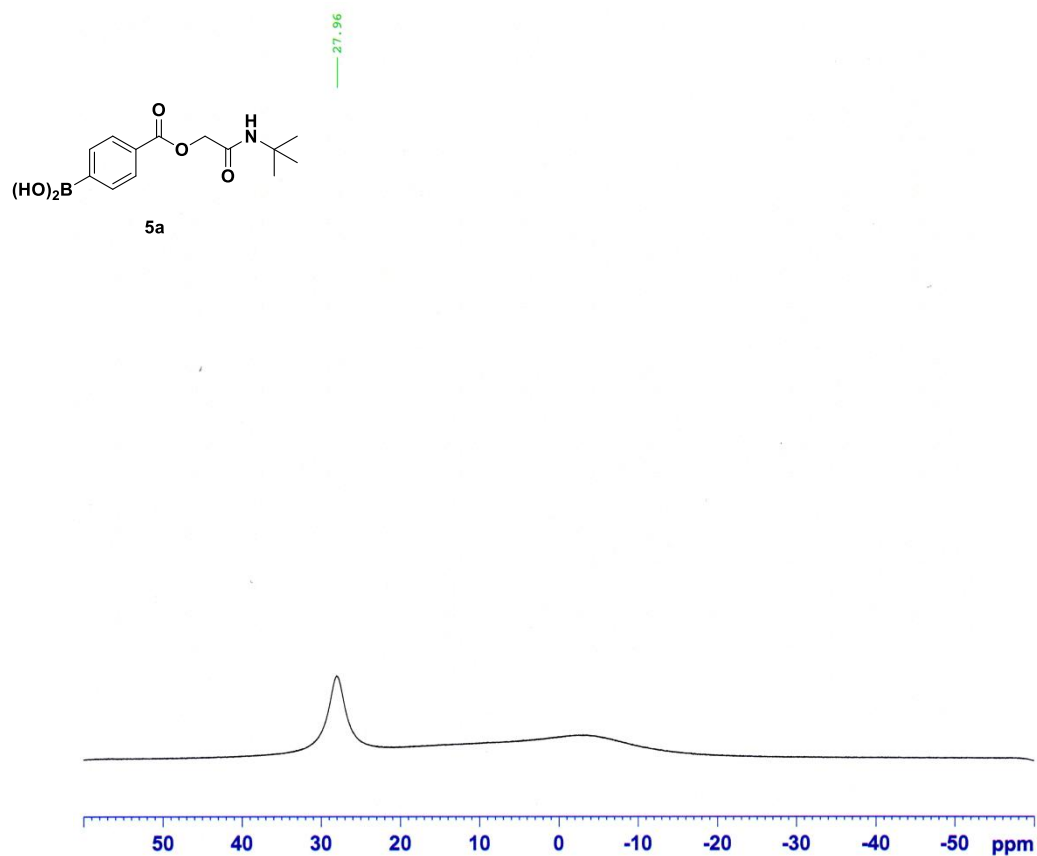


Figure S31. The ^{11}B NMR spectrum of **5a** in CD_3OD

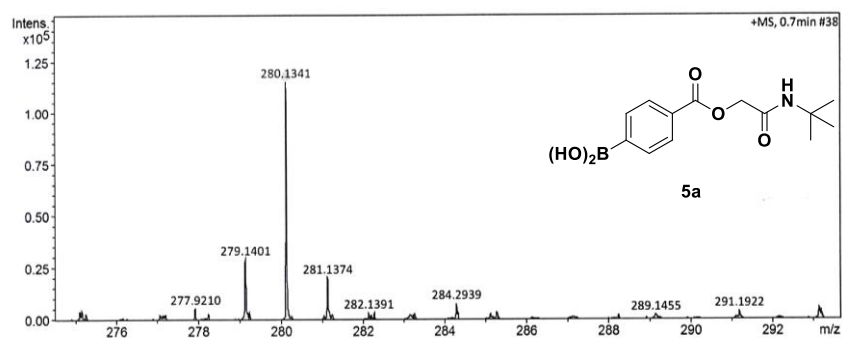


Figure S32. The HRMS (ESI $^+$) of spectrum of **5a**

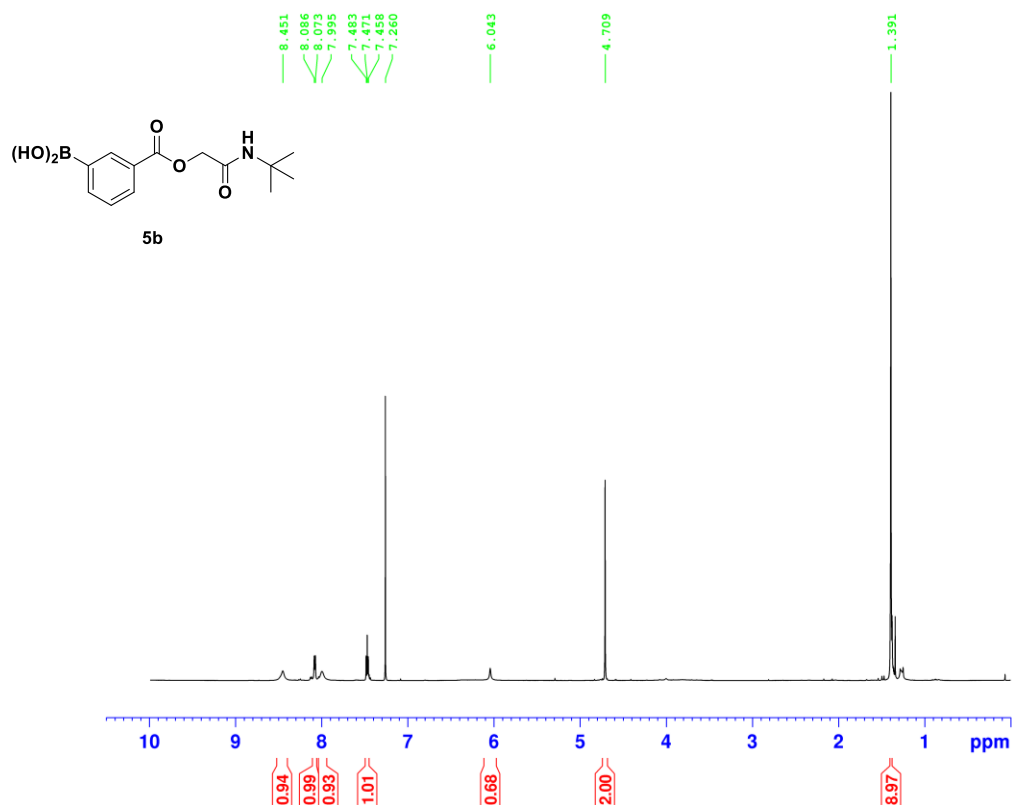


Figure S33. The ¹H NMR spectrum of **5b** in CD₃OD

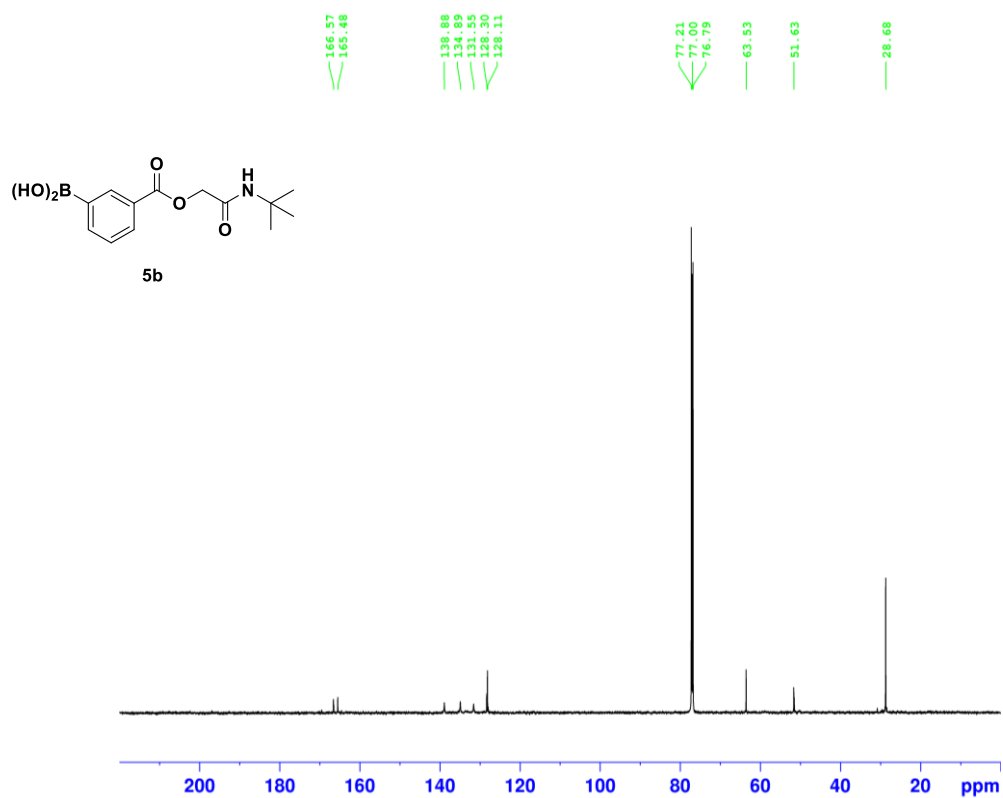


Figure S34. The ¹³C NMR spectrum of **5b** in CD₃OD

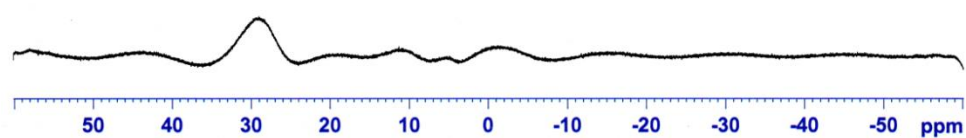
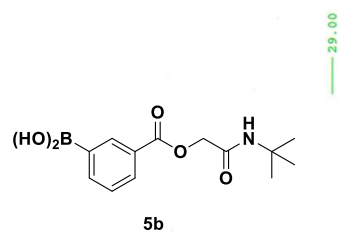


Figure S35. The ^{11}B NMR spectrum of **5b** in CD_3OD

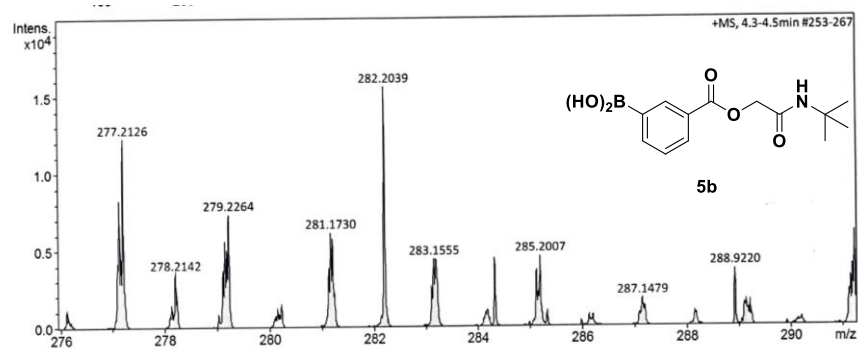


Figure S36. The HRMS (ESI^+) of spectrum of **5b**

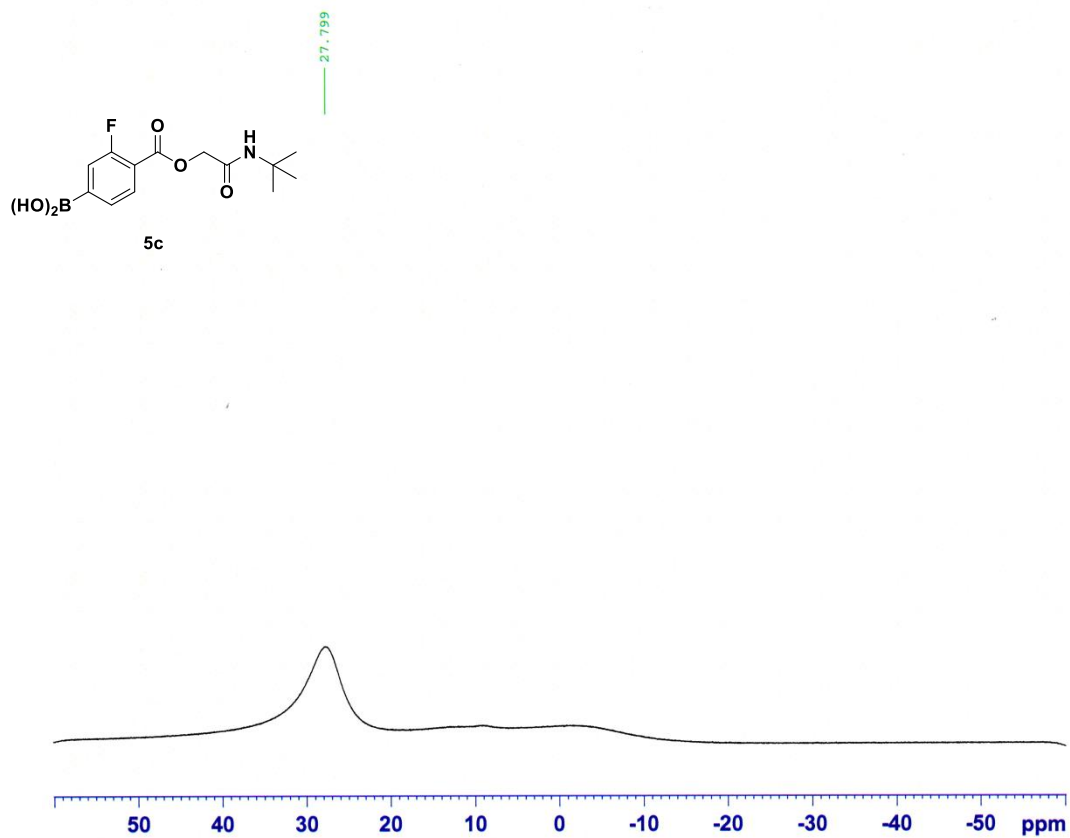


Figure S39. The ^{11}B NMR spectrum of **5c** in CD_3OD

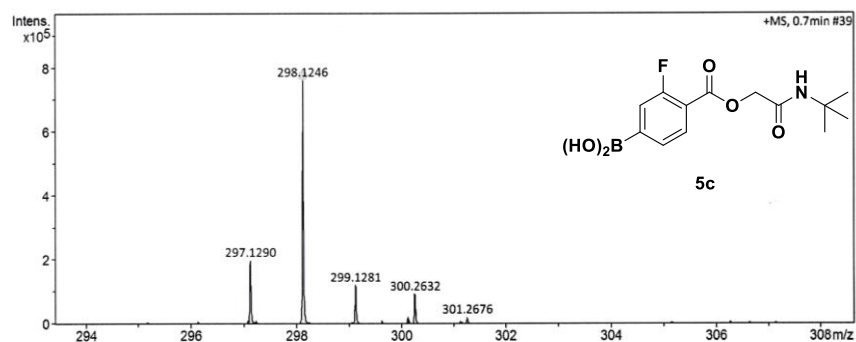


Figure S40. The HRMS (ESI $^+$) of spectrum of **5c**

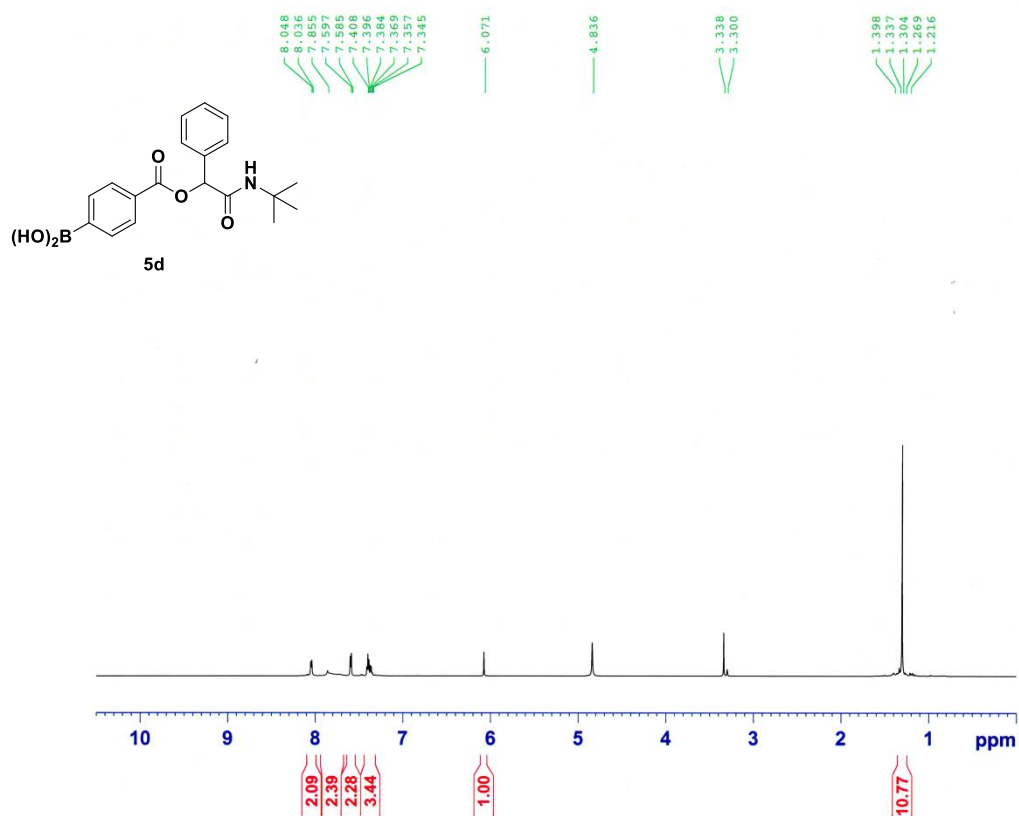


Figure S41. The ^1H NMR spectrum of **5d** in CD_3OD

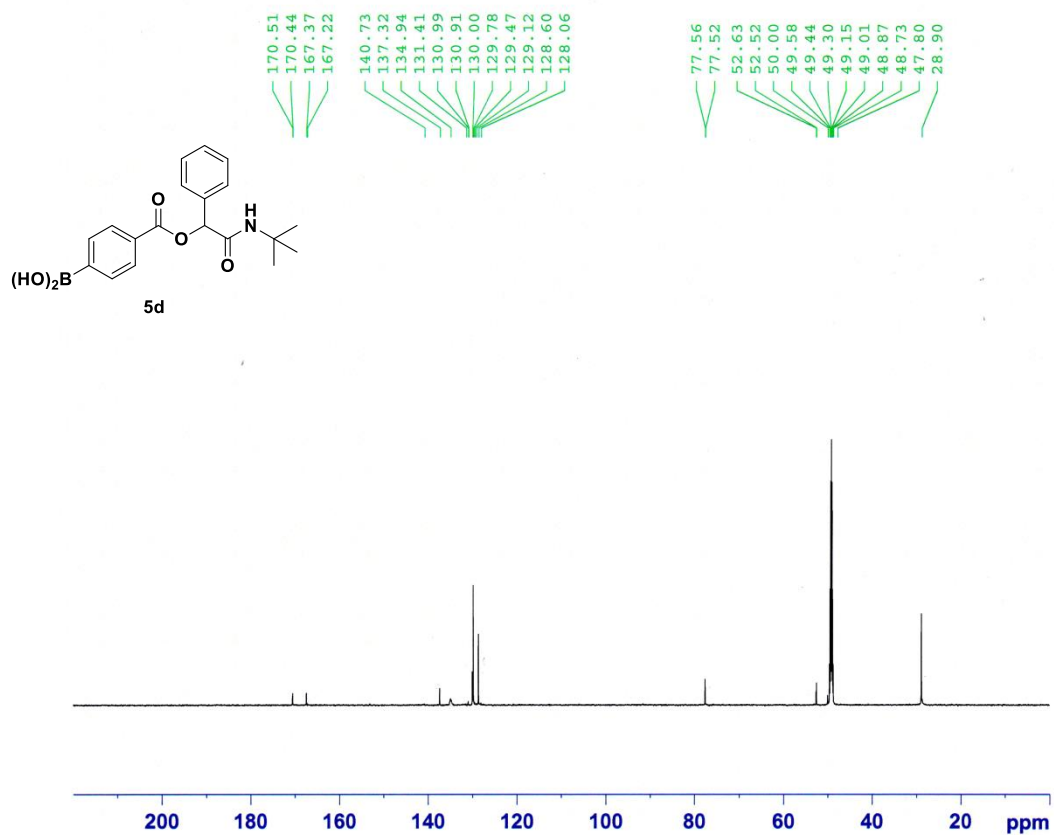


Figure S42. The ^{13}C NMR spectrum of **5d** in CD_3OD

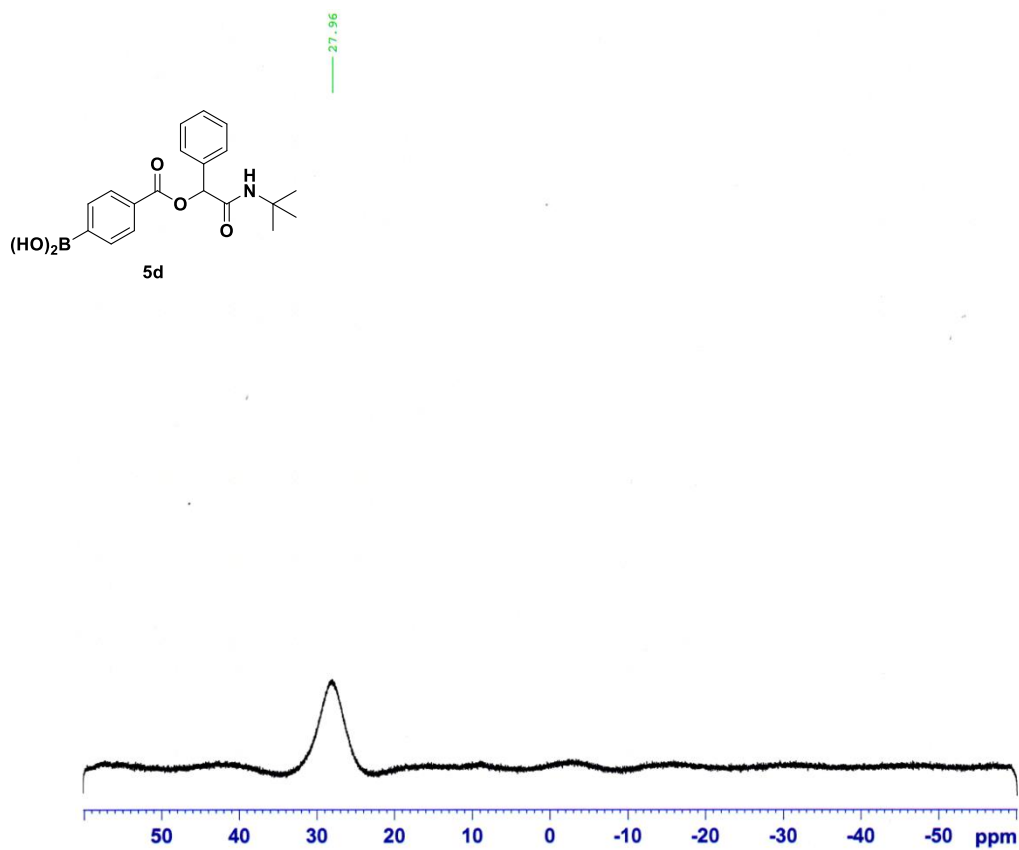


Figure S43. The ^{11}B NMR spectrum of **5d** in CD_3OD

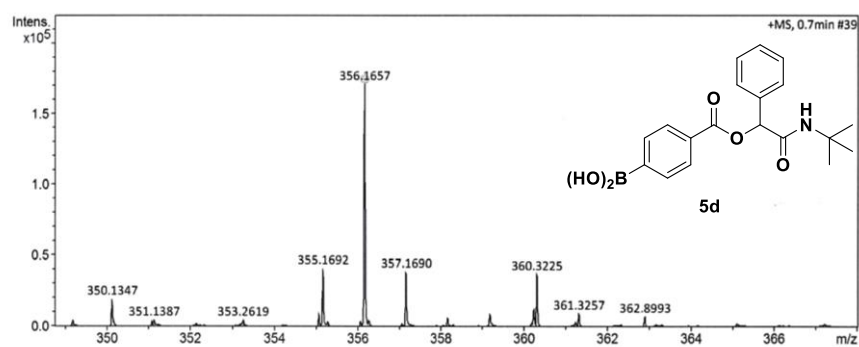


Figure S44. The HRMS (ESI $^+$) of spectrum of **5d**

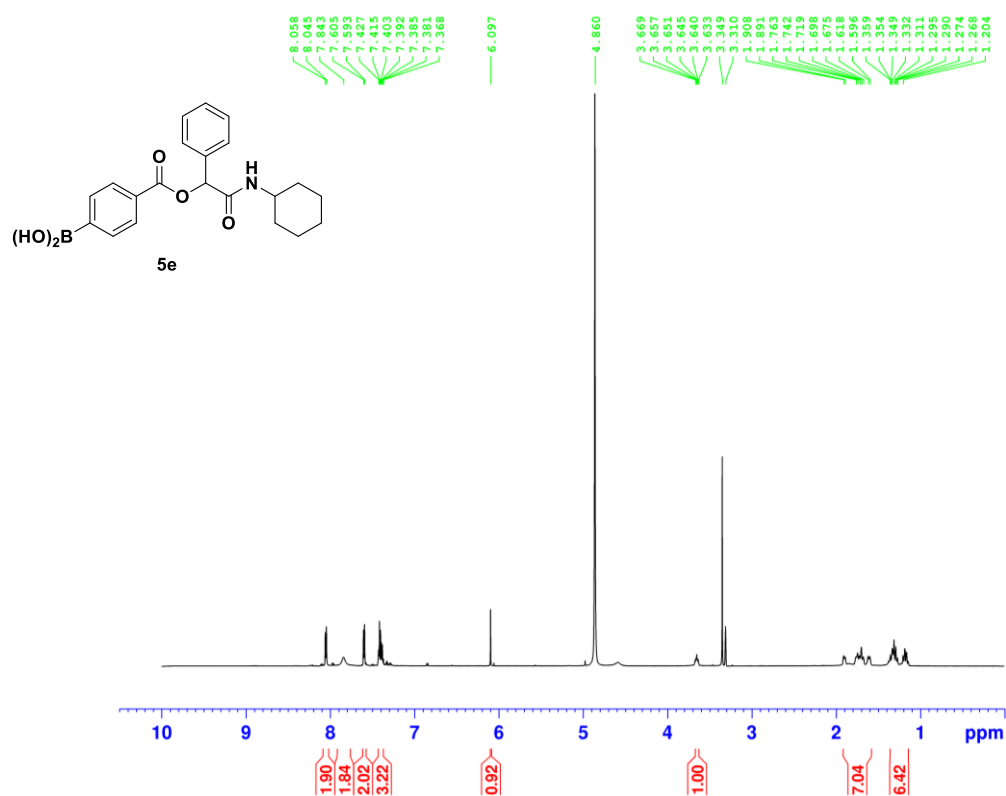


Figure S45. The ¹H NMR spectrum of 5e in CD₃OD

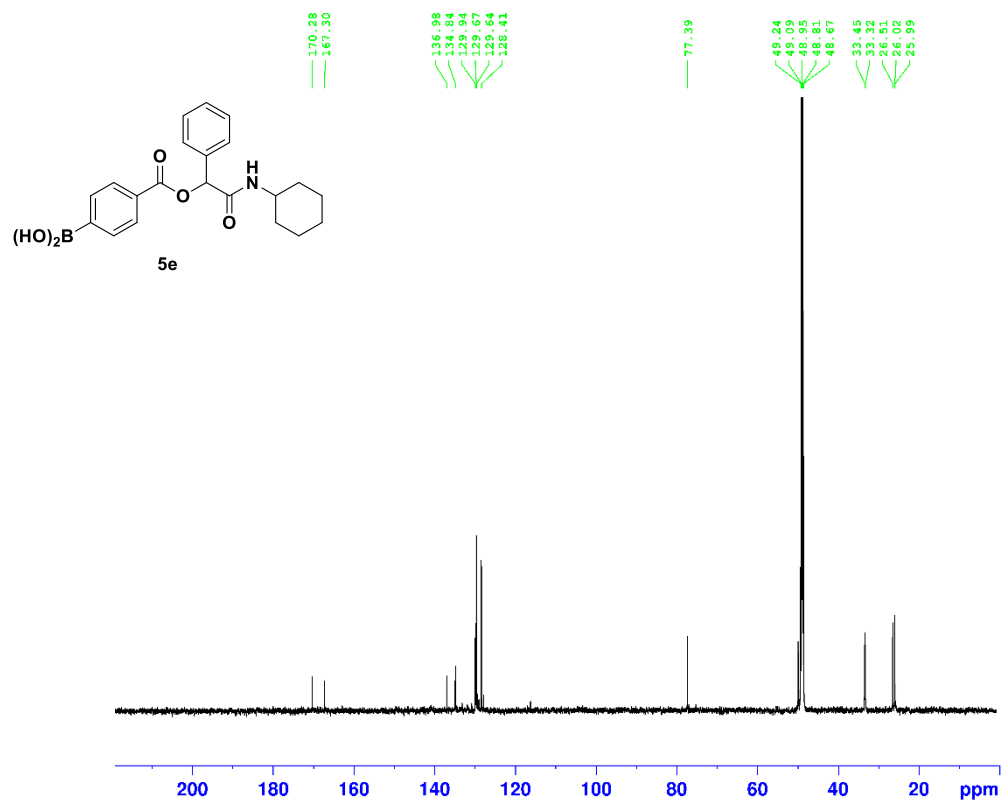


Figure S46. The ¹³C NMR spectrum of 5e in CD₃OD

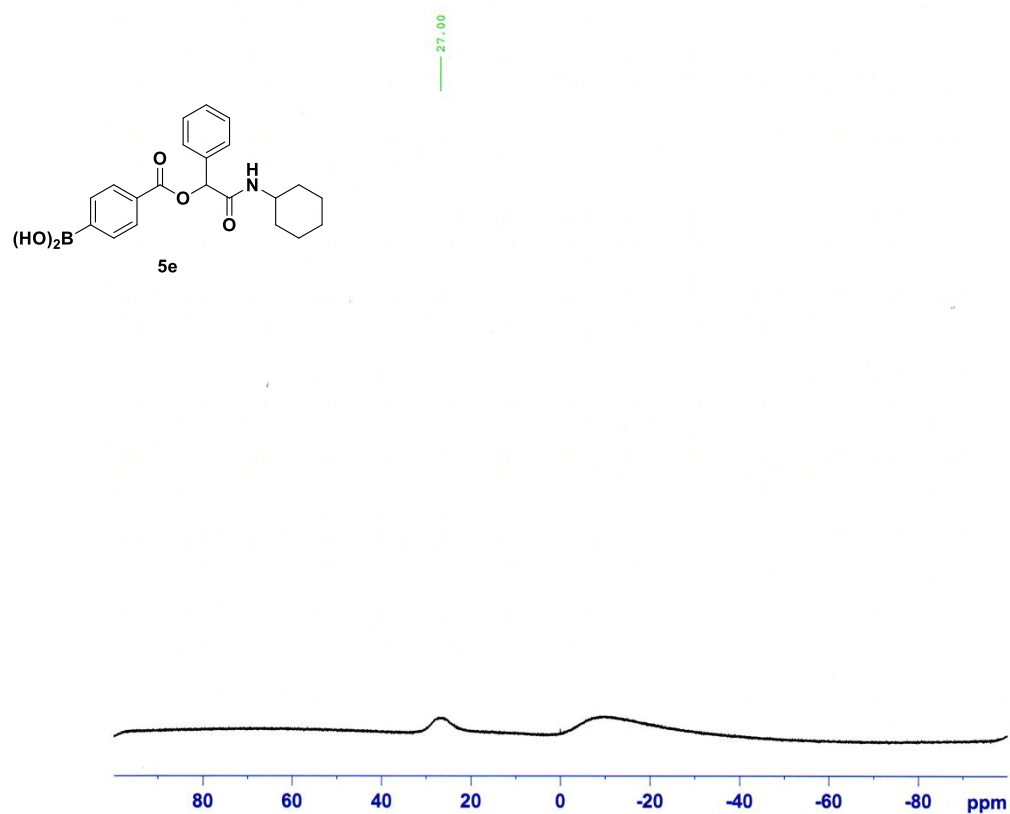


Figure S47. The ¹¹B NMR spectrum of **5e** in CD₃OD

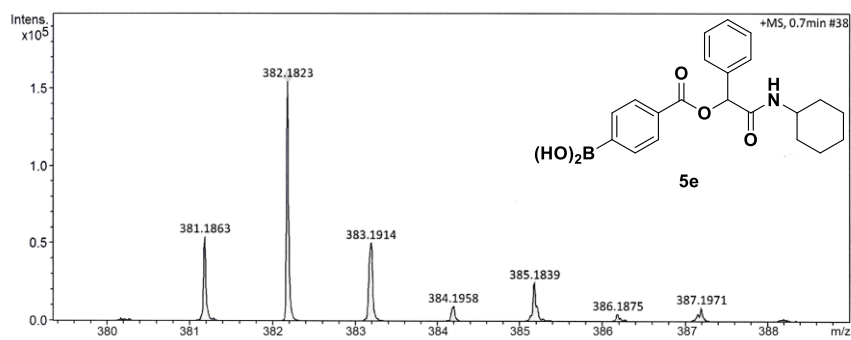


Figure S48. The HRMS (ESI⁺) of spectrum of **5e**

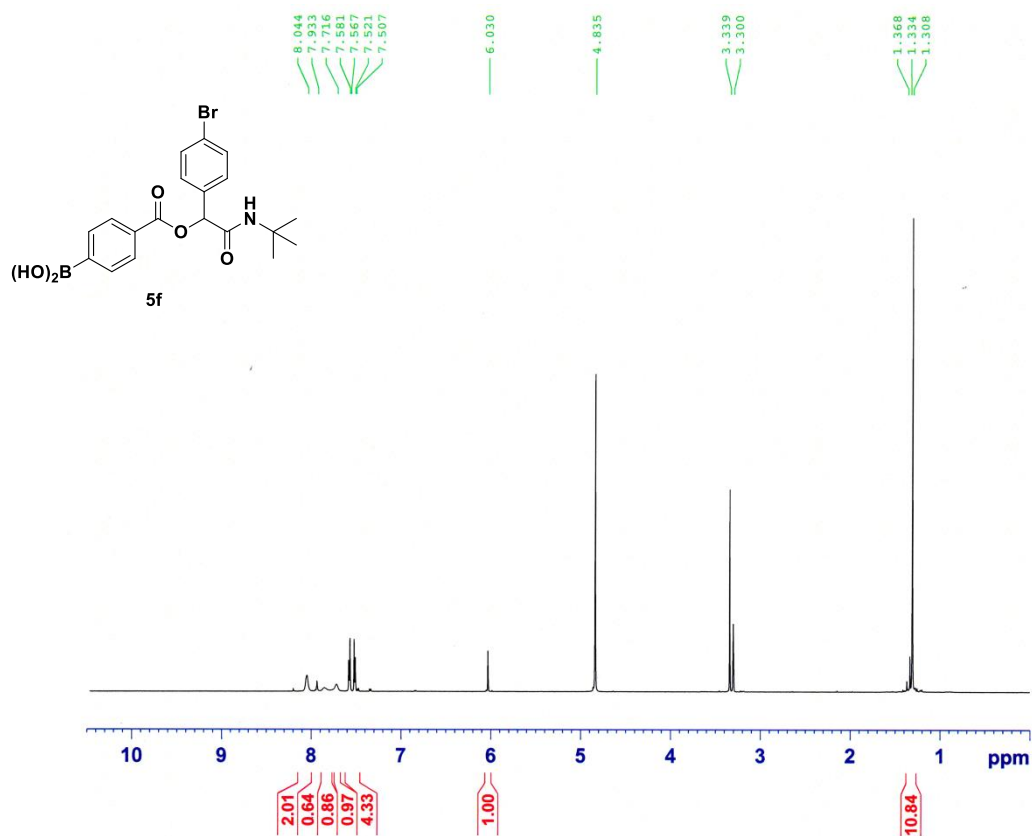


Figure S49. The ^1H NMR spectrum of **5f** in CD_3OD

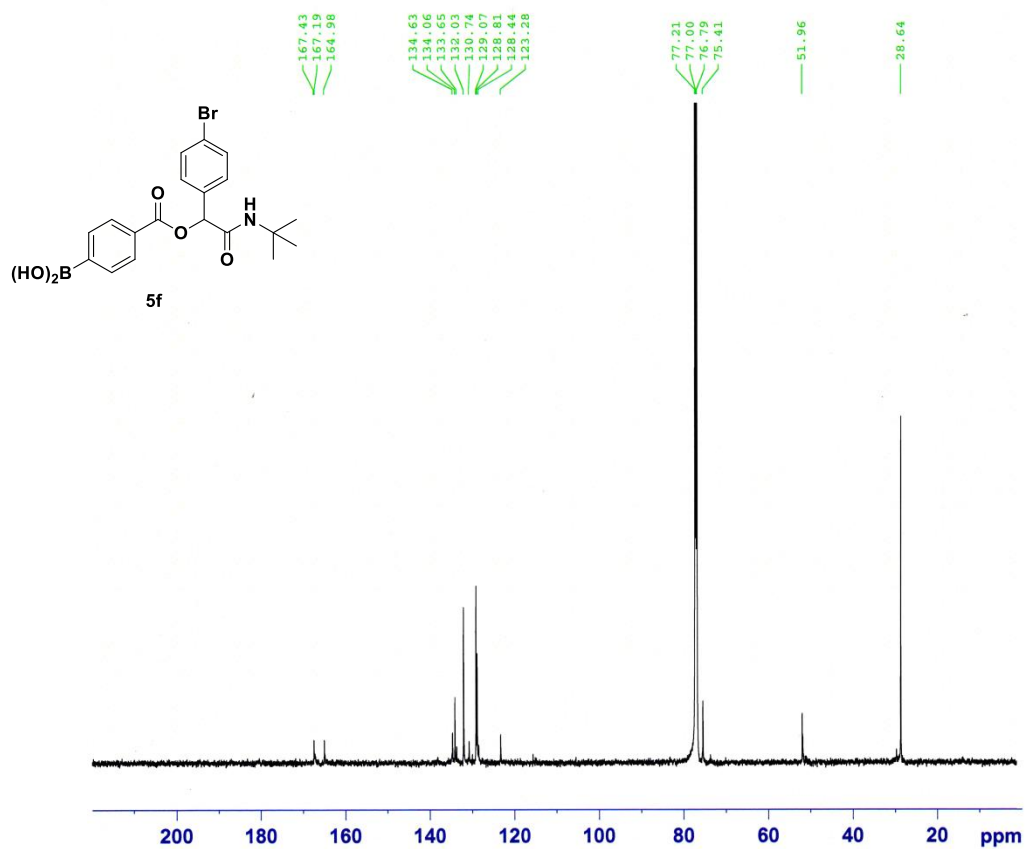


Figure S50. The ^{13}C NMR spectrum of **5f** in CDCl_3

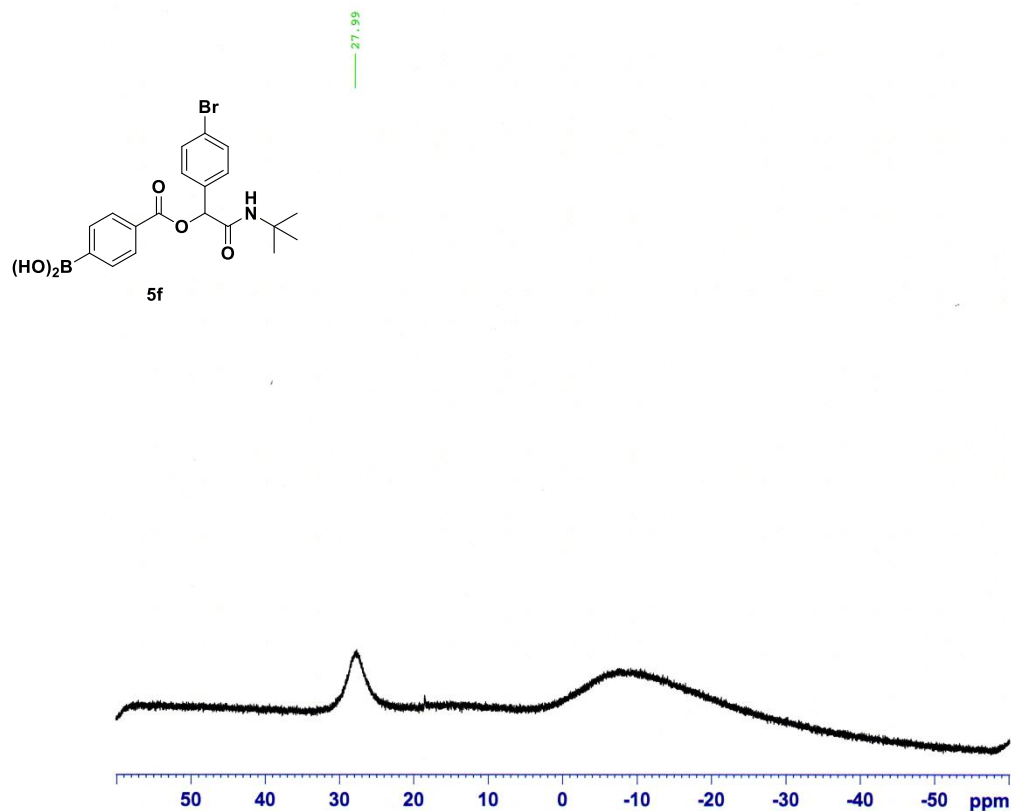


Figure S51. The ^{11}B NMR spectrum of **5f** in CD_3OD

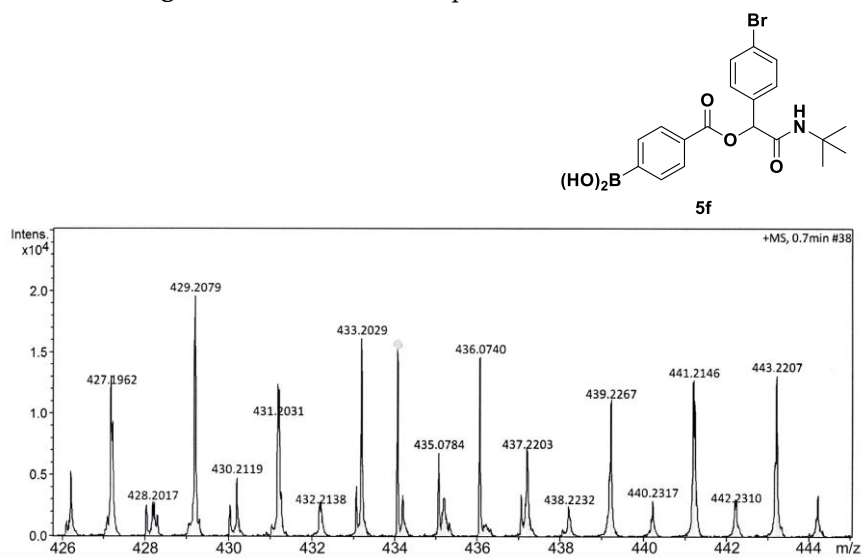
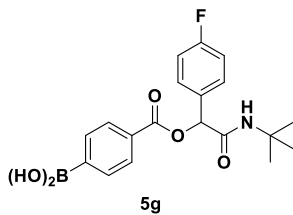


Figure S52. The HRMS (ESI $^+$) of spectrum of **5f**



CC(C)(C)NC(=O)C(c1ccc(F)cc1)C(=O)c2ccc(B(O)O)cc2

5g

170.35
 167.27
 165.35
 163.71
 135.07
 134.68
 133.45
 130.75
 130.72
 129.80
 116.64
 116.49
 76.83
 52.66
 49.58
 49.44
 49.30
 49.01
 48.82
 48.97
 48.73
 28.89

ppm

Figure S54. The ^{13}C NMR spectrum of **5g** in CD_3OD

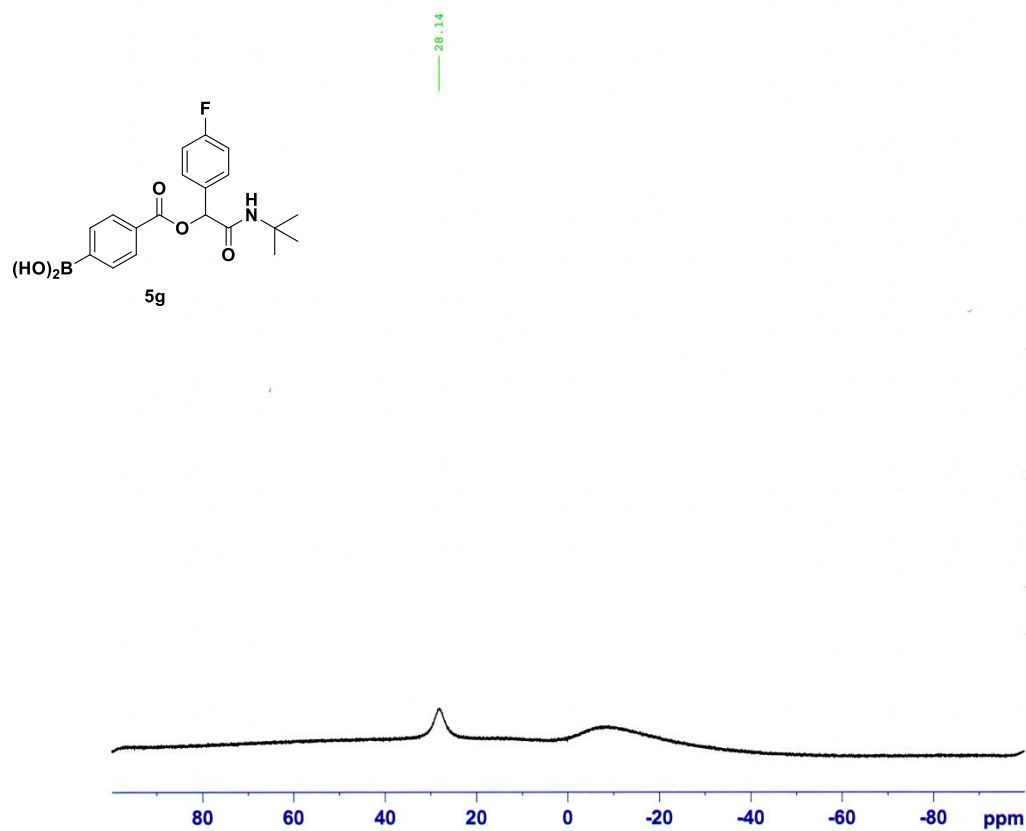


Figure S55. The ¹¹B NMR spectrum of **5g** in CD₃OD

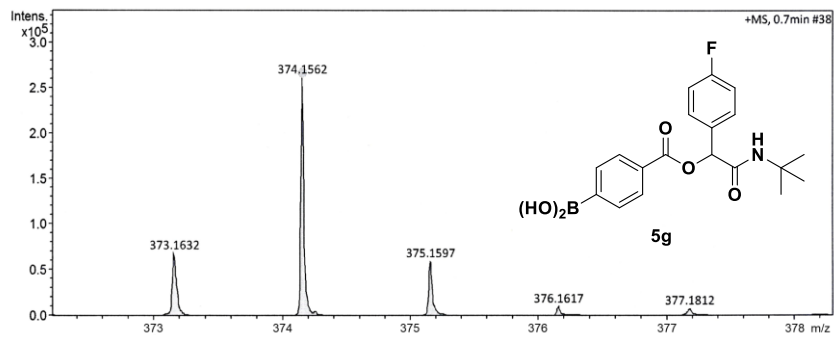


Figure S56. The HRMS (ESI⁺) of spectrum of **5g**

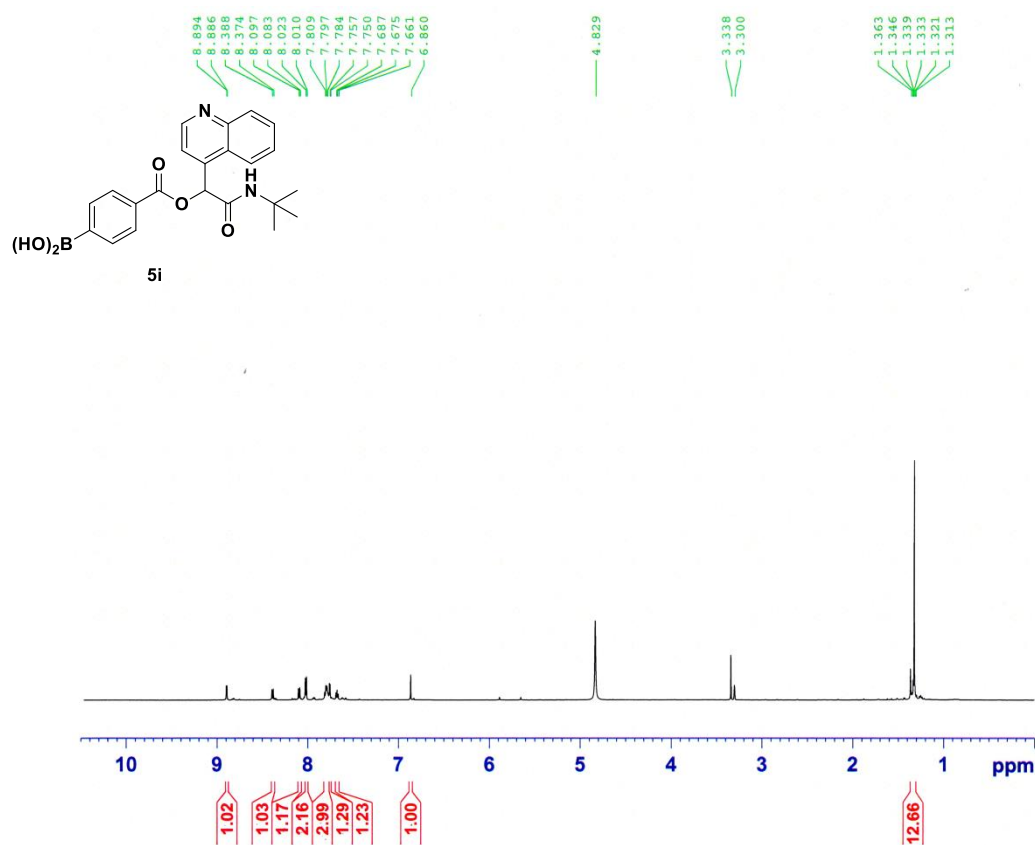


Figure S61. The ^1H NMR spectrum of **5i** in CD_3OD

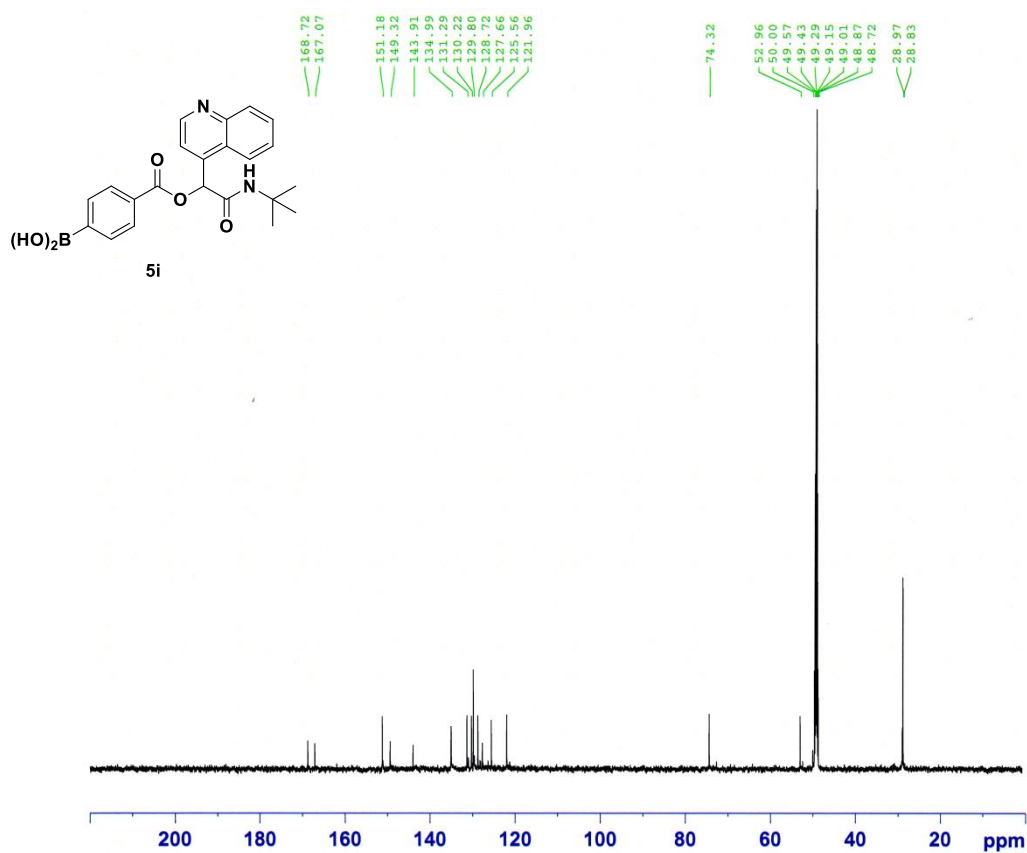


Figure S62. The ^{13}C NMR spectrum of **5i** in CD_3OD

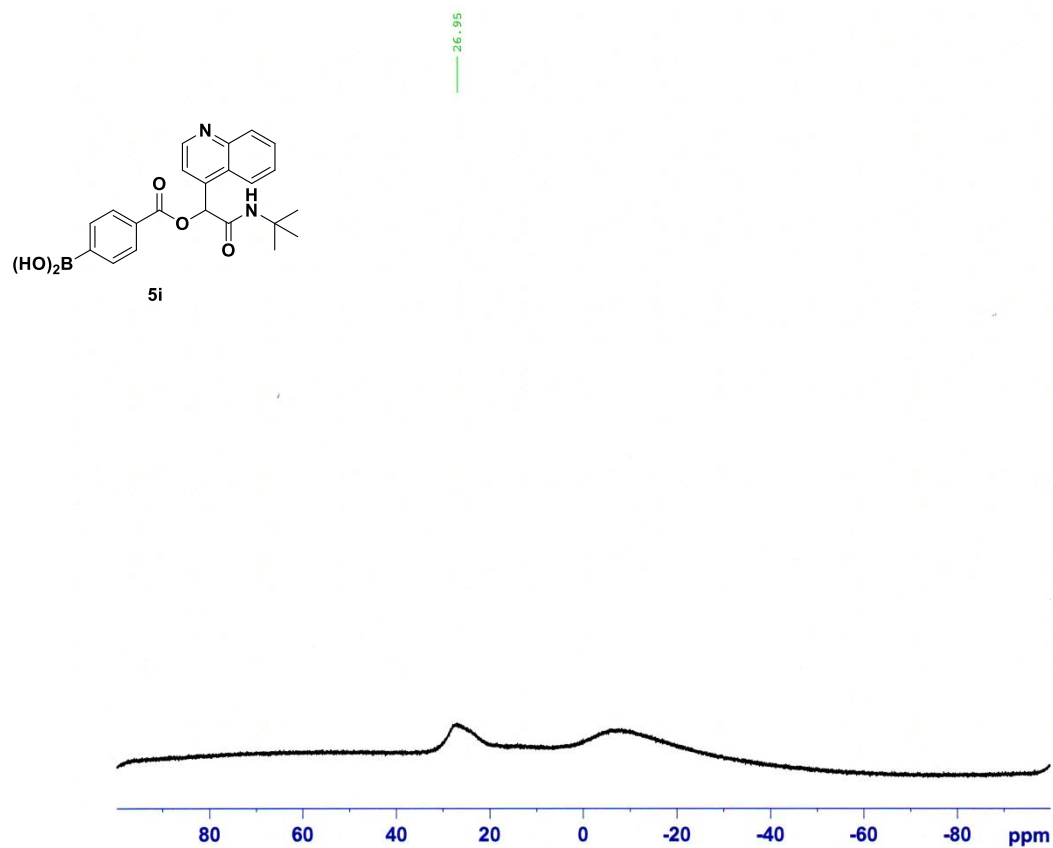


Figure S63. The ^{11}B NMR spectrum of **5i** in CD_3OD

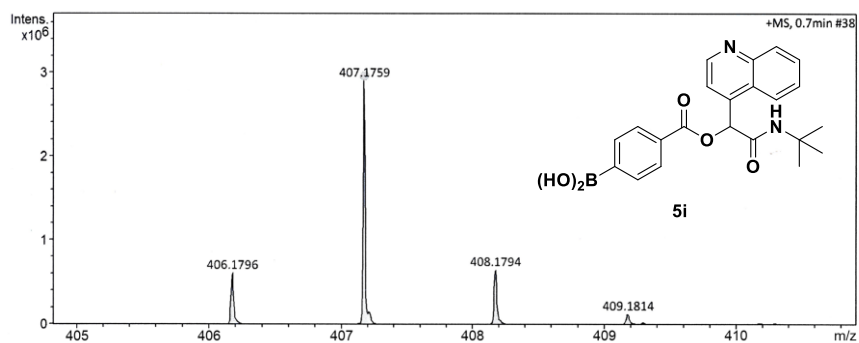


Figure S64. The HRMS (ESI $^+$) of spectrum of **5i**

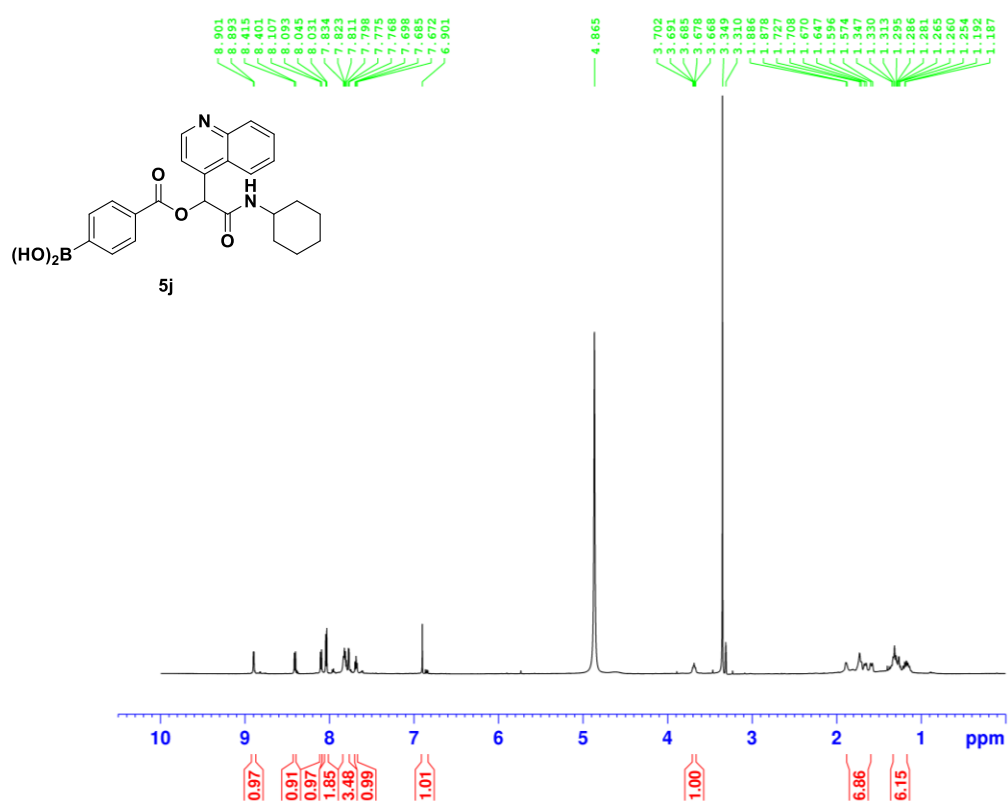


Figure S65. The ^1H NMR spectrum of **5j** in CD_3OD

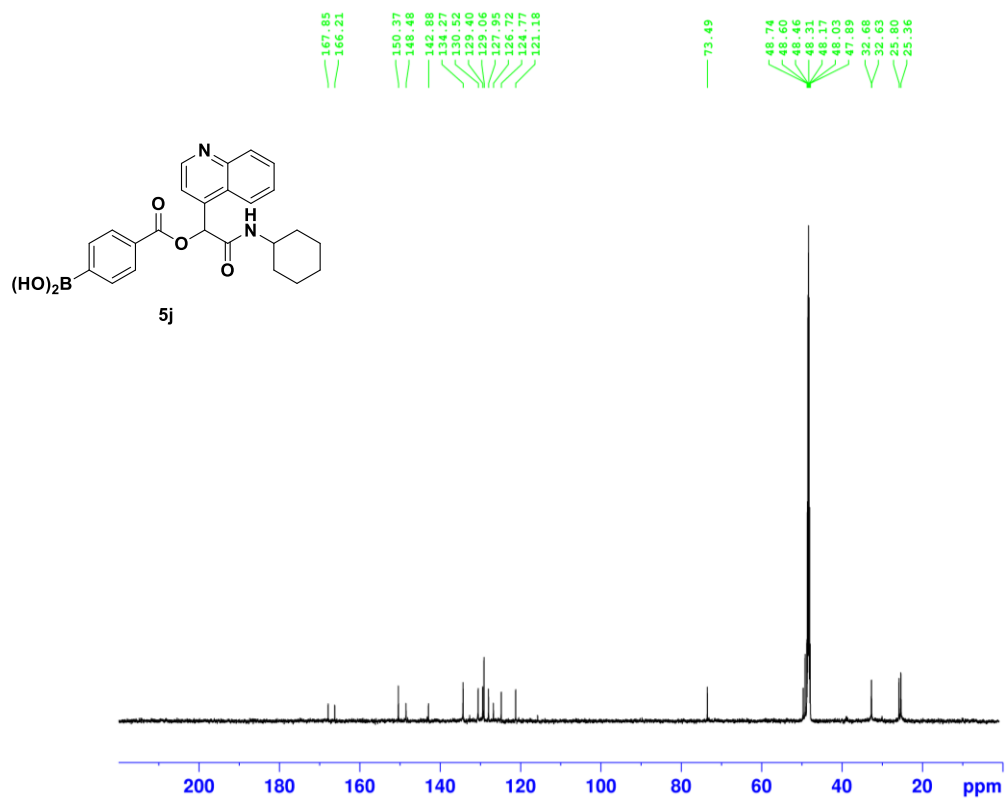


Figure S66. The ^{13}C NMR spectrum of **5j** in CD_3OD

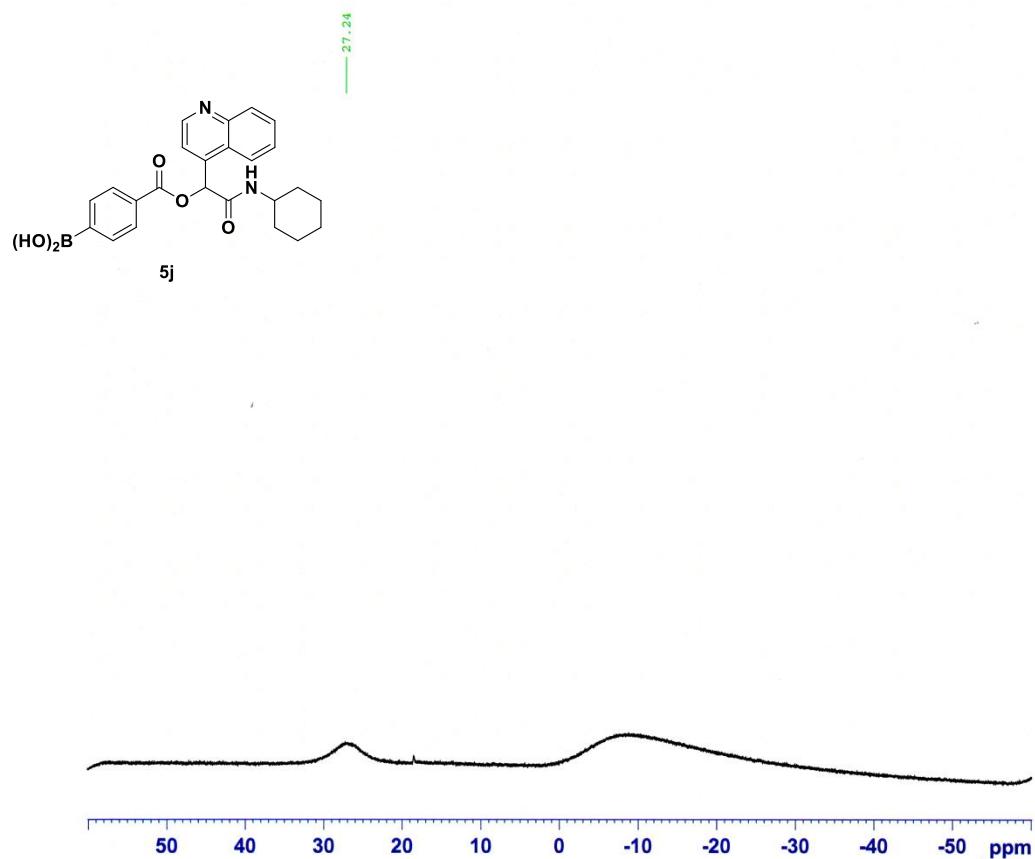


Figure S67. The ^{11}B NMR spectrum of **5j** in CD_3OD

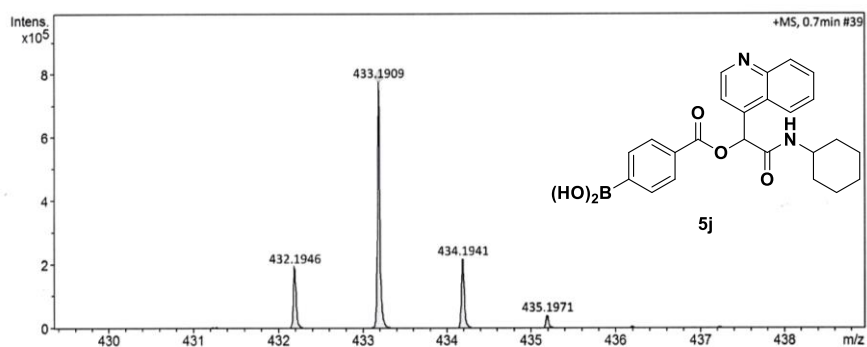


Figure S68. The HRMS (ESI $^+$) of spectrum of **5j**

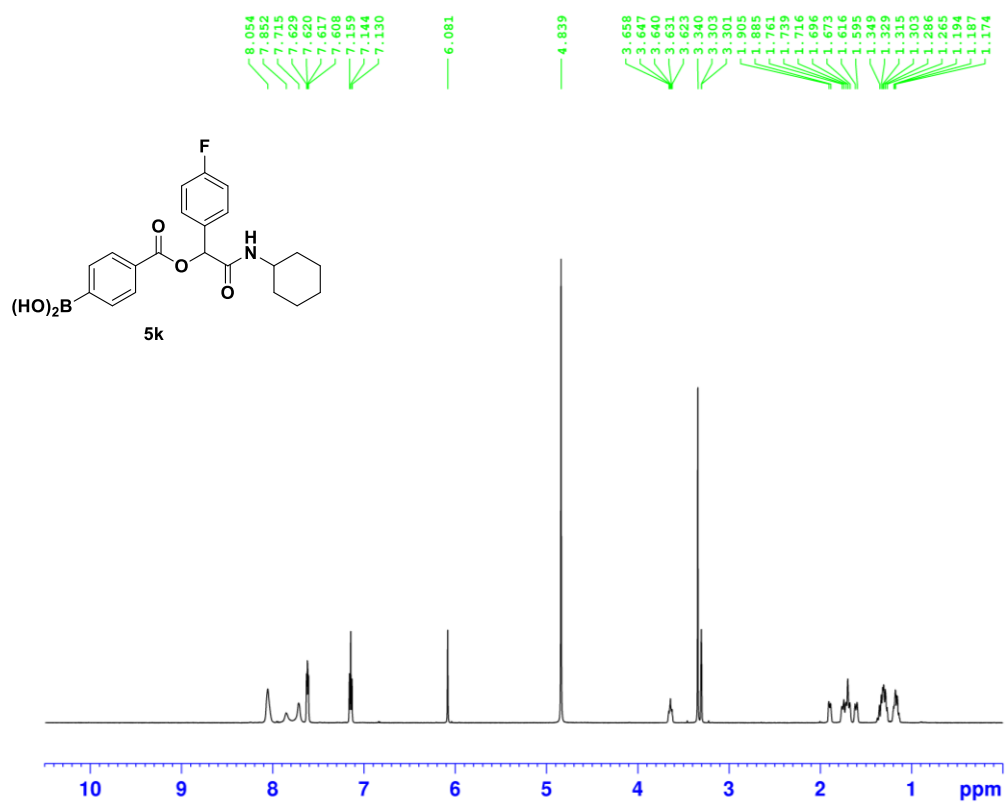


Figure S69. The ¹H NMR spectrum of **5k** in CD₃OD

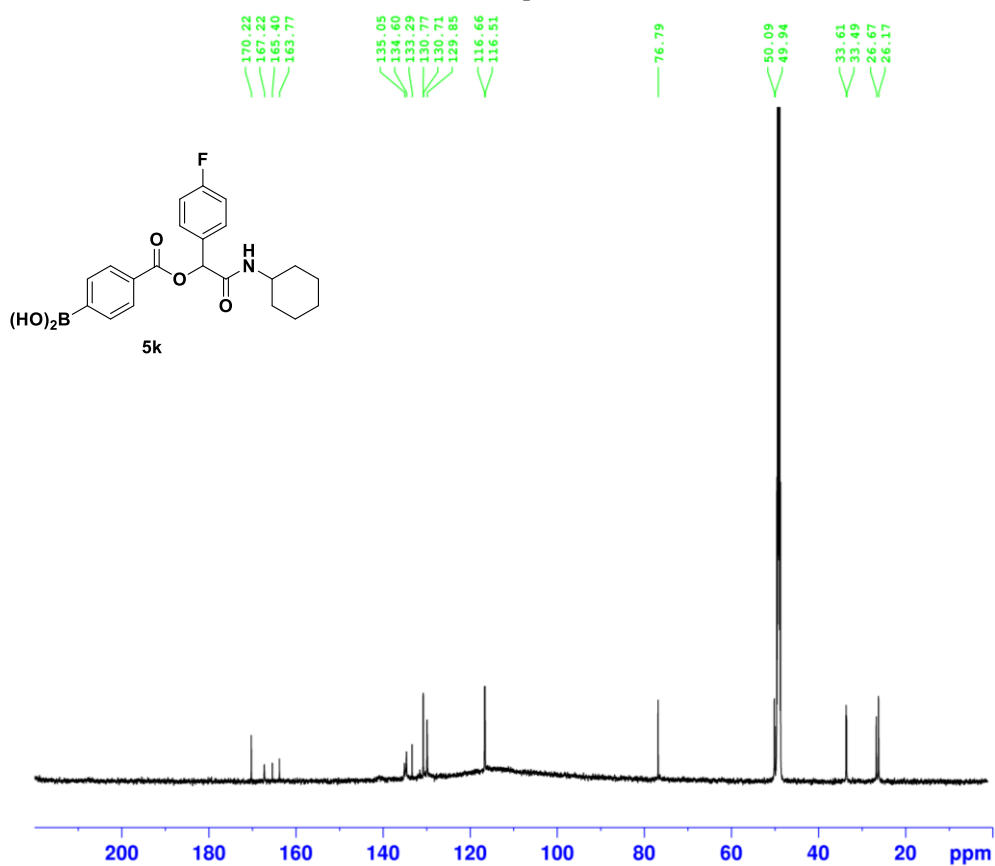


Figure S70. The ¹³C NMR spectrum of **5k** in CD₃OD

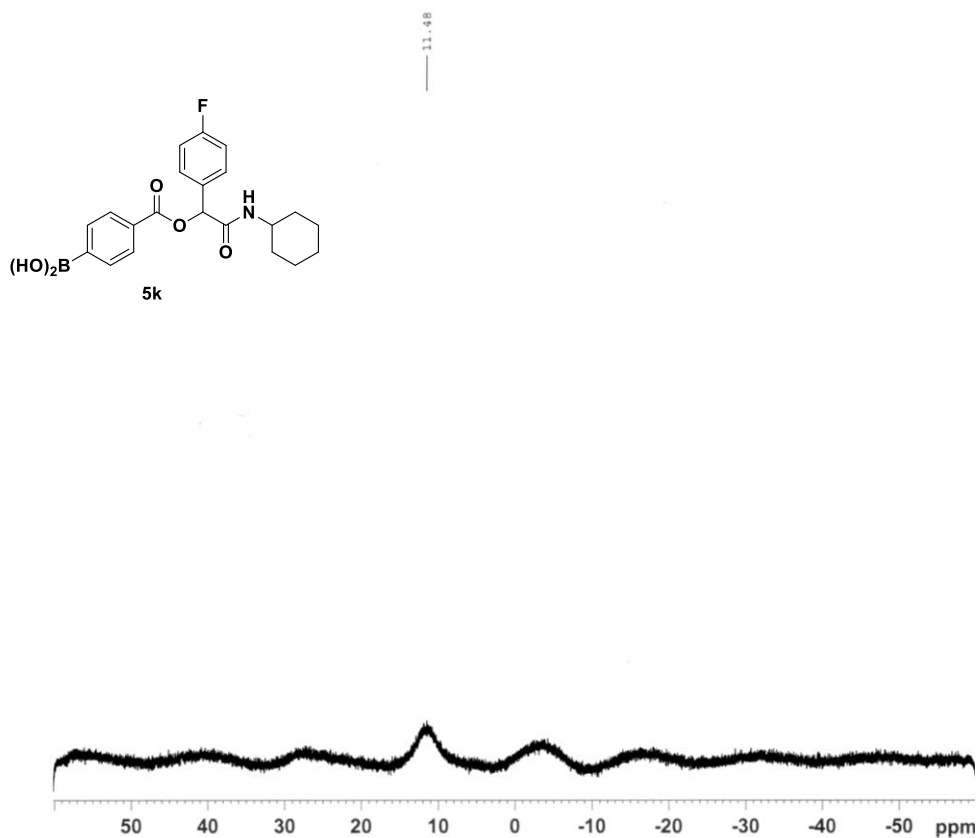


Figure S71. The ^{11}B NMR spectrum of **5k** in CD_3OD

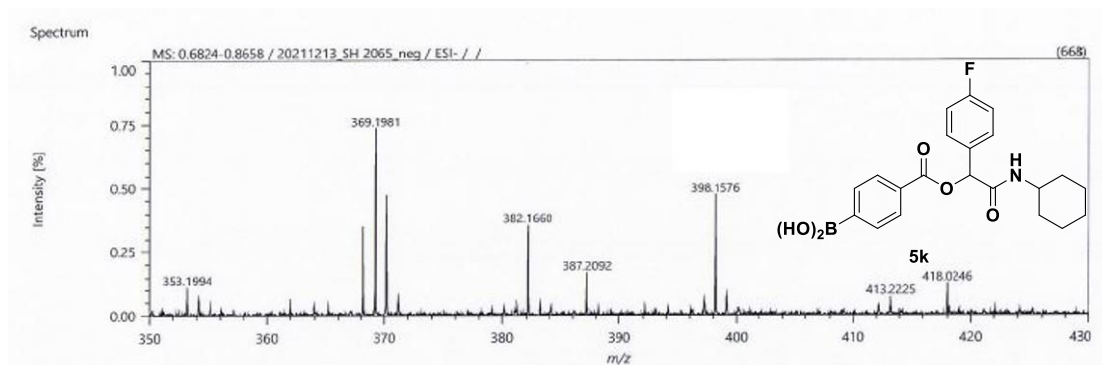


Figure S72. The HRMS (ESI-) of spectrum of **5k**

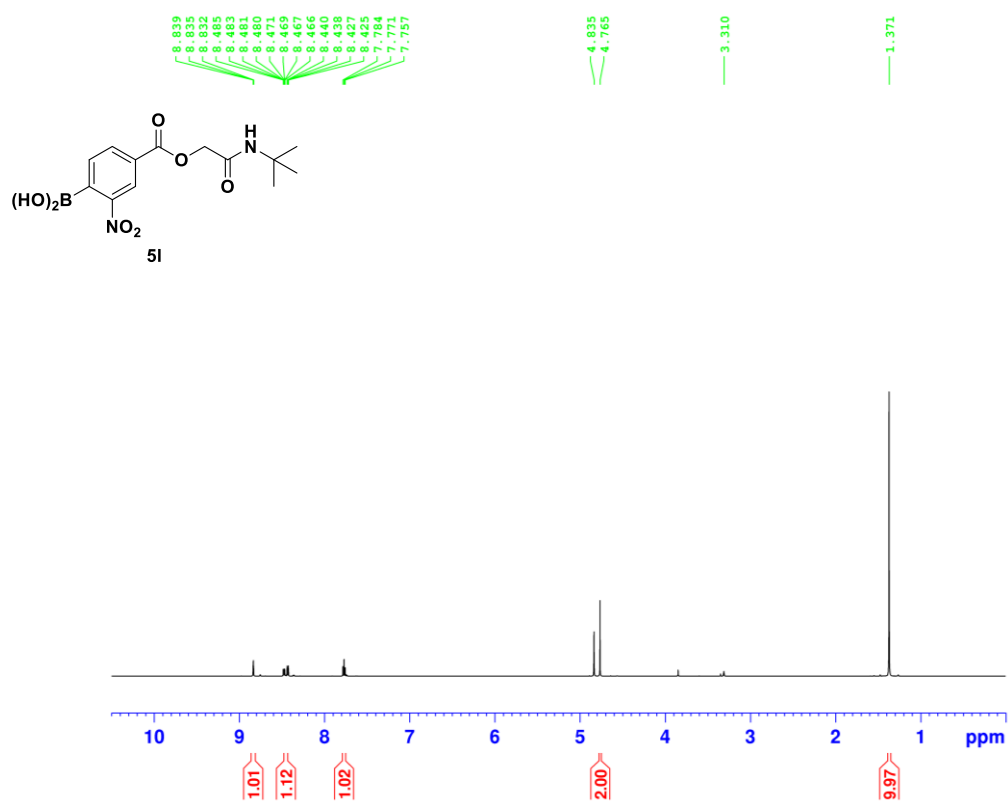


Figure S73. The ¹H NMR spectrum of **5I** in CD₃OD

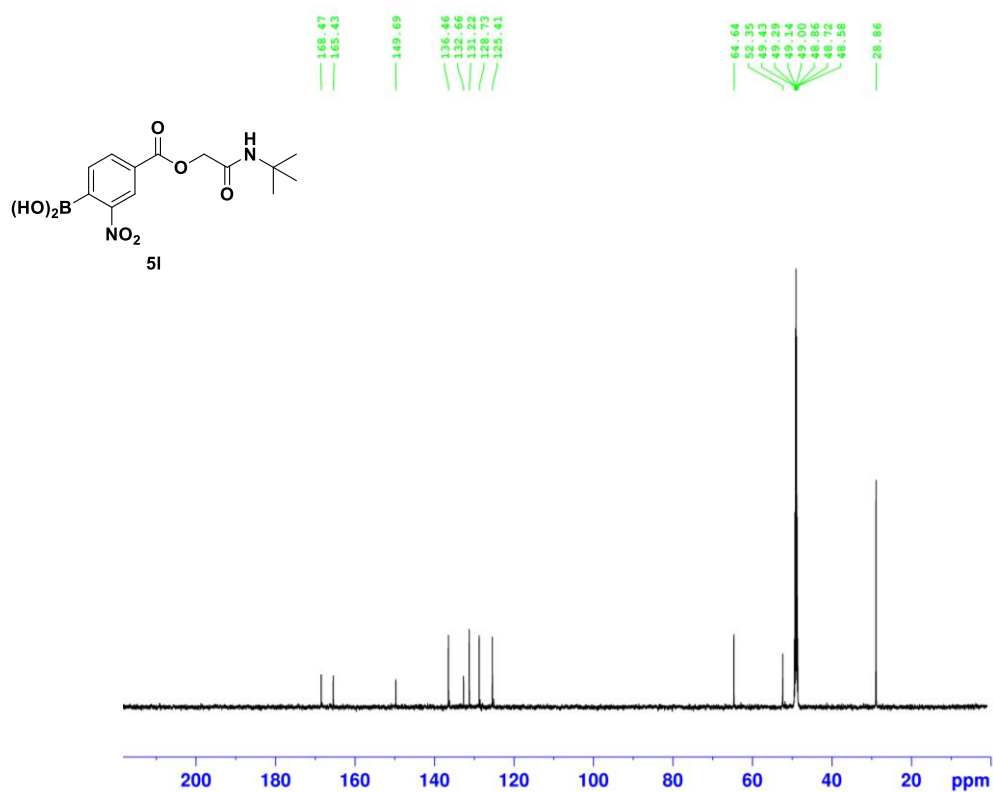


Figure S74. The ¹³C NMR spectrum of **5I** in CD₃OD

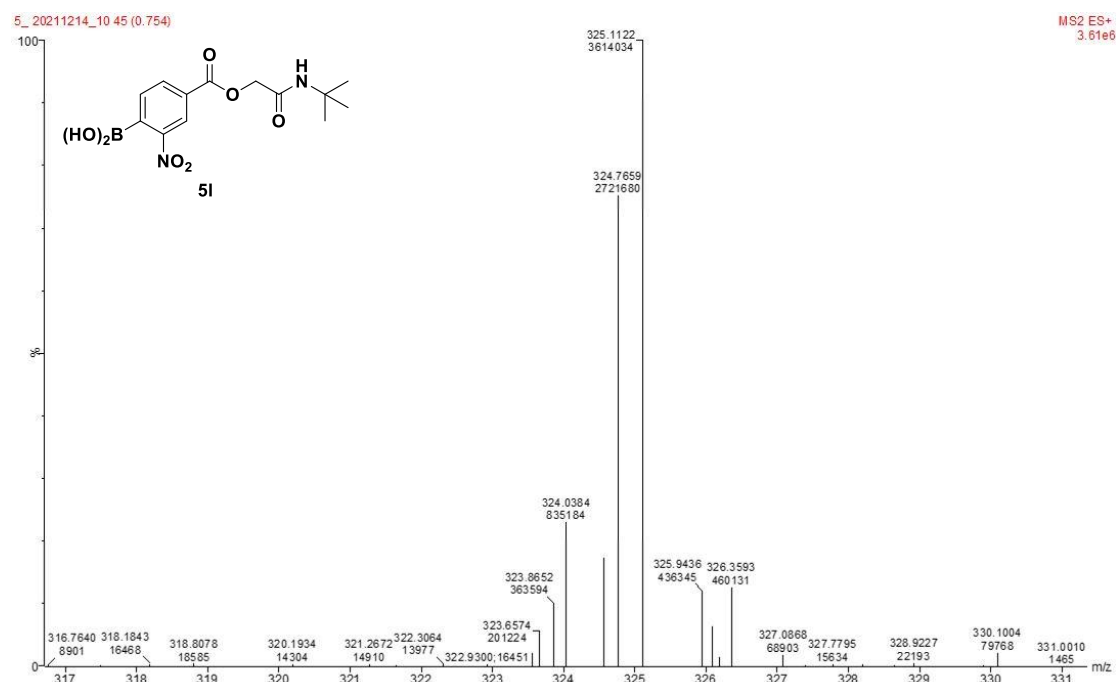


Figure S75. The HRMS (ESI⁺) of spectrum of 51

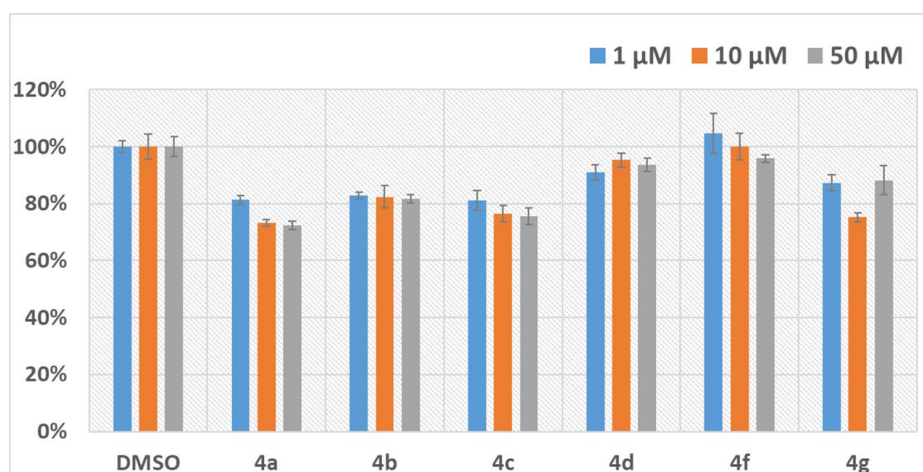


Figure S76. The cytotoxicity of the compounds **4a-4d**, **4f** and **4g** in HEK-293 cells.

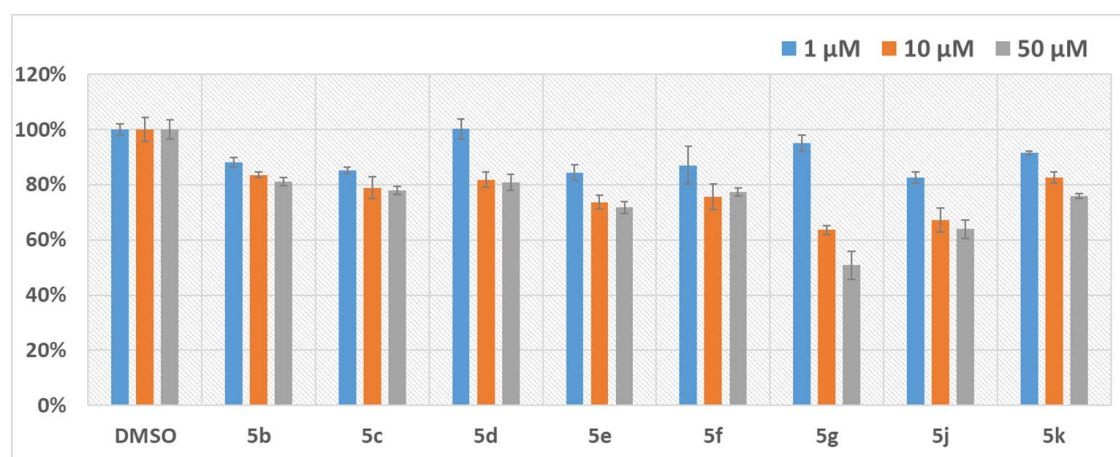


Figure S77. The cytotoxicity of the compounds **5b-5g**, **5j** and **5k** in HEK-293 cells.